



06/13/90

110055/60
OLD S.N 0350C

IF CONSUMER PAYMENT IS LESS THAN MERCHANT CREDIT LIMIT, PROCESS PAYMENT AS ACH ITEM REGARDLESS OF THE CREDIT LIMIT TOTAL. EXCLUDE THESE ITEMS FROM ACCUMULATION OF ACH TRANSACTIONS INTO THE CREDIT LIMIT TOTAL.

EXPAND SOURCE CODE CHECK FOR PAY BY PHONE FROM 'N' TO 'N14'.

03/08/91 JPH COMMIT WORKS AND RESTART PROCESSING.

04/11/91 KAB CHANGED THE 'ROLLOVER DATE' HEADING TO 'EXTRA PMT.' AND OMITTED THE 'ROLLOVER AMT' HEADING. ALSO, CHANGED THE DRAFT ERROR REPORT TO SHOW STATUS CODES AND ADDED TOTALS BY STATUS.

04/19/91 PAM ADD CODE TO USE PAPER OR ELECTRONIC RT IF EFT CODE = 'B'.

05/25/91 JLF ELECTRONIC REMITTANCE PROCESSING.

06/05/91 JPH CORRECT PAYMENT ROLLOVER ERRORS FOR WEEKLY OR BIWEEKLY PAYMENTS.

ENVIRONMENT DIVISION.
CONFIGURATION SECTION.
INPUT-OUTPUT SECTION.
FILE-CONTROL.

SELECT DATE-FILE

ASSIGN TO DA-IDFILE
ORGANIZATION IS INDEXED
ACCESS MODE IS DYNAMIC
RECORD KEY IS COMP-CTL-KEY
FILE STATUS IS COMP-STATUS.

SELECT MERCHANT-FILE

ASSIGN TO DA-MERCHANT
ORGANIZATION IS INDEXED
ACCESS MODE IS RANDOM
RECORD KEY IS MMR-KEY
FILE STATUS IS MMR-STAT.

SELECT TRANHOLD-FILE

ASSIGN TO UT-S-TRANHOLD.

SELECT DRFTITEM-FILE

000102	01/02/91
000103	01/02/91
000104	01/02/91
000105	01/02/91
000106	01/02/91
000107	01/02/91
000108	01/02/91
000109	02/10/91
000190	02/10/91
000191	03/13/91
000192	03/13/91
000193	03/13/91
000194	04/14/91
000195	04/14/91
000196	04/14/91
000197	04/14/91
000198	04/14/91
000199	04/14/91
000200	04/20/91
000201	04/20/91
000202	04/20/91
000203	06/05/91
000204	06/05/91
000205	06/05/91
000206	06/05/91
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05/25/91

Exhibit A

SELECT ERROR-REPORT ASSIGN TO UT-S-SYS021.
 SELECT SUMMARY-REPORT ASSIGN TO UT-S-SYS022.
 SELECT CARDIN ASSIGN TO UT-S-CARDIN.
 SELECT PAY-TABLE-INPUT ASSIGN TO UT-S-PAYTABLIN.
 SELECT PAY-TABLE-OUTPUT ASSIGN TO UT-S-PAYTBLOT.

DATA DIVISION.
 FILE SECTION.

FD DATE-FILE.
 01 DATE-RECORD.
 05 COMP-CTL-KEY
 05 COMP-CTL-REC
 PIC X(10).
 PIC X(400).

FD MERCHANT-FILE.
 -INC MERCHANT

FD TRAHOLD-FILE
 RECORDING MODE F
 BLOCK CONTAINS 0 RECORDS.

-INC FVDRFTM

FD DRFTTEN-FILE
 RECORDING MODE F
 BLOCK CONTAINS 0 RECORDS.
 01 DRFTTEN-RECORD
 PIC X(142).

FD ROLLOVER-REPORT
 RECORDING MODE F
 BLOCK CONTAINS 0 RECORDS.
 01 ROLLOVER-REPORT-LINE
 PIC X(142).

FD ERROR-REPORT
 RECORDING MODE F
 BLOCK CONTAINS 0 RECORDS.
 01 ERROR-REPORT-LINE
 PIC X(142).

FD SUMMARY-REPORT
 RECORDING MODE F
 BLOCK CONTAINS 0 RECORDS.
 01 SUMMARY-REPORT-LINE
 PIC X(142).

FD CARDIN
 RECORDING MODE F
 BLOCK CONTAINS 0 RECORDS.
 01 CARDIN-LINE
 PIC X(80).

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000234	
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000239	03/13/91
000240	03/13/91
000241	03/13/91
000242	03/13/91
000243	
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000245	
000246	01/02/91
000247	
000248	
000249	
000250	
000251	01/02/91
X 000252	11/14/90
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000254	
000255	01/02/91
000256	
X 000257	04/20/91
000258	
000259	
000260	01/02/91
000261	
000262	03/13/91
000263	
000264	
000265	01/02/91
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000267	03/13/91
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000269	
000270	01/02/91
000271	
000272	03/13/91
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000274	
000275	01/02/91
000276	
000277	03/13/91
000278	
000279	
000280	01/02/91
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000285	03/13/91

FD PAY-TABLE-INPUT
RECORDING MODE F
BLOCK CONTAINS 0 RECORDS.
01 PAY-TBL-INPUT-REC
PIC X(25).

FD PAY-TABLE-OUTPUT
RECORDING MODE F
BLOCK CONTAINS 0 RECORDS.
01 PAY-TBL-OUTPUT-REC
PIC X(25).

WORKING-STORAGE SECTION.

77 FILLER PIC X(37) VALUE 'PBB00010 WORKING-STORAGE BEGINS HERE'.

EXEC SQL INCLUDE PT001 END-EXEC.

EXEC SQL INCLUDE PD1002 END-EXEC.

EXEC SQL INCLUDE PBT006 END-EXEC.

EXEC SQL INCLUDE PBT007 END-EXEC.

EXEC SQL INCLUDE PDTO10 END-EXEC.

EXEC SQL INCLUDE PBT900 END-EXEC.

77	SQL-DRAFT-DATE	PIC S9(6) COMP	VALUE ZEROS.
77	SQL-PREV-SSN	PIC S9(9) COMP	VALUE ZEROS.

EXEC SQL INCLUDE SQLCA END-EXEC.

-INC SQLFLDS

77	COMP-STATUS	PIC XX.
77	WS-COMP-KEY	PIC X(10) VALUE 'AAA

: FPRDATE

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      * THE FOLLOWING SWITCH CAN BE INITIALIZED TO 'V'
      * TO INDICATE THAT CERTAIN CODE THAT SHOULD (OR SHOULD NOT)
      * BE EXECUTED DURING A NON-PRODUCTION RUN.
      * UPDATES OF THE DB2 TABLES ARE BYPASSED AND A CHECK AMOUNT OF
      * ZERO IS USED WHEN THE SWITCH IS SET TO 'V'.
01  TEST-PCM-SW          PIC X(1) VALUE 'N'.
02  TEST-PCM          VALUE 'V'.

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000204	03/13/91
000205	03/13/91
000206	03/13/91
000207	05/25/91
000208	03/13/91
000209	03/13/91
000290	03/13/91
000291	03/13/91
000292	05/25/91
000293	03/13/91
000294	03/13/91
000295	
000296	
000297	
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000299	
000300	
000301	
000302	
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000304	
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000306	05/25/91
000307	05/25/91
000308	05/25/91
000309	05/25/91
000310	03/13/91
000311	03/13/91
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000313	03/13/91
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000318	11/14/90
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000323	11/14/90
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000325	05/25/91
000326	05/25/91
000327	05/25/91
000328	05/25/91
000329	05/25/91
000330	05/25/91
000331	05/25/91
000332	05/25/91
000333	05/25/91
000334	

LEVEL 00 SWITCHES *

01 PROGRAM-INDICATORS.

05	PAYTABL-INPUT-EOF-SW	PIC X	VALUE 'N'.	000335	05/25/91
06	END-OF-TBLIN		VALUE 'V'.	000336	03/13/91
06	NOT-END-OF-TBLIN		VALUE 'N'.	000337	03/13/91
05	INPUT-EOF-SW	PIC X	VALUE 'N'.	000338	03/13/91
06	EOF		VALUE 'V'.	000339	
05	PAY-BY-PHONE-SW	PIC X	VALUE 'N'.	000340	
06	PAY-BY-PHONE		VALUE 'V'.	000341	
05	IS-CONSUMER-IN-ERROR	PIC X	VALUE 'V'.	000342	
06	CONSUMER-IN-ERROR		VALUE 'N'.	000343	
05	ARE-MRCH-RO-HEADINGS-WRITTEN	PIC X	VALUE 'V'.	000344	
06	MRCH-RO-HEADINGS-NOT-WRITTEN		VALUE 'N'.	000345	
05	ARE-CONRS-RO-HEADINGS-WRITTEN	PIC X	VALUE 'V'.	000346	
06	CONRS-RO-HEADINGS-NOT-WRITTEN		VALUE 'N'.	000347	
05	ARE-MRCH-ERR-HEADINGS-WRITTEN	PIC X	VALUE 'V'.	000348	
06	MRCH-ERR-HEADINGS-NOT-WRITTEN		VALUE 'N'.	000349	
05	ARE-CONRS-ERR-HEADINGS-WRITTEN	PIC X	VALUE 'V'.	000350	
06	CONRS-ERR-HEADINGS-NOT-WRITTEN		VALUE 'N'.	000351	
05	ARE-MRCH-ERR-DETAIL-WRITTEN	PIC X	VALUE 'V'.	000352	
06	MRCH-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000353	
05	ARE-CONRS-ERR-DETAIL-WRITTEN	PIC X	VALUE 'V'.	000354	
06	CONRS-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000355	
05	ARE-MRCH-ERR-DETAIL-WRITTEN	PIC X	VALUE 'V'.	000356	
06	MRCH-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000357	
05	ARE-CONRS-ERR-DETAIL-WRITTEN	PIC X	VALUE 'V'.	000358	
06	CONRS-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000359	
05	ARE-MRCH-ERR-DETAIL-WRITTEN	PIC X	VALUE 'V'.	000360	
06	MRCH-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000361	
05	ARE-CONRS-ERR-DETAIL-WRITTEN	PIC X	VALUE 'V'.	000362	
06	CONRS-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000363	
05	ARE-MRCH-ERR-DETAIL-WRITTEN	PIC X	VALUE 'V'.	000364	
06	MRCH-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000365	
05	ARE-CONRS-ERR-DETAIL-WRITTEN	PIC X	VALUE 'V'.	000366	
06	CONRS-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000367	
05	ARE-MRCH-ERR-DETAIL-WRITTEN	PIC X	VALUE 'V'.	000368	
06	MRCH-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000369	
05	ARE-CONRS-ERR-DETAIL-WRITTEN	PIC X	VALUE 'V'.	000370	
06	CONRS-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000371	
05	ARE-MRCH-RO-DETAIL-WRITTEN	PIC X	VALUE 'V'.	000372	
06	MRCH-RO-DETAIL-NOT-WRITTEN		VALUE 'N'.	000373	
05	ARE-CONRS-RO-DETAIL-WRITTEN	PIC X	VALUE 'V'.	000374	
06	CONRS-RO-DETAIL-NOT-WRITTEN		VALUE 'N'.	000375	
05	IS-RECORD-IN-ERROR	PIC X	VALUE 'V'.	000376	
06	RECORD-IN-ERROR		VALUE 'N'.	000377	
05	IS-PAY-TABLE-ITEM-FOUND	PIC X	VALUE 'V'.	000378	
06	PAY-TABLE-ITEM-FOUND		VALUE 'N'.	000379	
05	IS-PAY-TABLE-ITEM-NOT-FOUND	PIC X	VALUE 'V'.	000380	
06	PAY-TABLE-ITEM-NOT-FOUND		VALUE 'N'.	000381	
05	IS-PAY-TABLE-SORTED	PIC X	VALUE 'V'.	000382	
06	PAY-TABLE-SORTED		VALUE 'N'.	000383	
05	IS-PAY-TABLE-SORTED	PIC X	VALUE 'V'.	000384	
06	PAY-TABLE-SORTED		VALUE 'N'.	000385	

06 PAY-TABLE-IS-SORTED VALUE 'Y'.
06 PAY-TABLE-IS-NOT-SORTED VALUE 'N'.

05 ALL-STLCODE-PROCESSED-SW PIC X(1) VALUE 'N'.
06 ALL-STLCODE-PROCESSED VALUE 'Y'.
06 ALL-STLCODE-NOT-PROCESSED VALUE 'N'.

05 STLCODE-IN-TABLE-SW PIC X(1) VALUE 'N'.
06 STLCODE-IN-TABLE VALUE 'Y'.
06 STLCODE-NOT-IN-TABLE VALUE 'N'.
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NUMERIC CONVERTERS

77 LEVEL

77 PNR-STAT PIC X(1) VALUE '00'.
77 WS-77-SSN PIC 9(09) VALUE ZEROS.
77 WS-77-AMOUNT PIC 9(07)V99 VALUE ZEROS.
77 WS-77-PHONE PIC 9(10) VALUE ZEROS.
77 WS-77-CR-PHONE PIC 999 VALUE ZEROS.
77 WS-77-DATE PIC 9(06) VALUE ZEROS.
77 WS-77-DATE-7DIGITS PIC 9(07) VALUE ZEROS.
77 WS-77-TRACE-MBR PIC 9(06) VALUE ZEROS.

PROGRAM COUNTERS

77 ADVANCE-AMOUNT PIC 999 VALUE ZEROS.
01 WS-CREDIT-LIMIT PIC S9(05)V99 VALUE ZERO.

01 ACH-OFFSET-DOLLARS PIC S9(09)V99 VALUE ZERO.

01 DB2 RESTART FIELDS

01 WS-RESTART-WORK-FIELDS.
05 WS-PROGRAM-NAME PIC X(6).
05 WS-LAST-KEY PIC X(250).
05 WS-RESTART-KEY REDEFINES WS-LAST-KEY.
10 WS-PRIMARY-KEY-COMMITTED PIC X(009).
10 FILLER PIC X(241).
05 RESTART-RESPONSE PIC X(01) VALUE SPACE.
05 WS-COMMIT-INTERVAL PIC S9(9) COMP VALUE 0.
05 WS-COMMIT-COUNTER PIC S9(9) COMP VALUE 0.

01 WS-TOTALS.
05 WS-LAST-COMMIT-COUNT PIC 9(09) VALUE 0.

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05	IS-THIS-FIRST-ERROR-RECORD	PIC X	VALUE 'V'.
06	FIRST-ERROR-RECORD		VALUE 'V'.
05	IS-THIS-FIRST-ROLL-RECORD	PIC X	VALUE 'V'.
06	FIRST-ROLL-RECORD		VALUE 'V'.
05	WS-77-HOLD-PAY-AMOUNT	PIC 9(07)V99	VALUE ZEROS.
05	WS-77-HOLD-PAY-DATE	PIC 9(06)	VALUE ZEROS.
05	WS-TOT-ERR-DOLLARS	PIC 9(17)V99	VALUE ZEROS.
05	WS-TOT-ERR-ITEMS	PIC 9(17)	VALUE ZEROS.
05	WS-TOT-RO-DOLLARS	PIC 9(17)V99	VALUE ZEROS.
05	WS-TOT-RO-ITEMS	PIC 9(17)	VALUE ZEROS.

THE FOLLOWING TWO FIELDS ARE USED TO KEEP TRACK OF THE NUMBER OF ITEMS AND DOLLARS IN ERROR FOR ALL CONSUMERS.

05	WS-GND-TOT-ERR-DOLLARS	PIC 9(17)V99	VALUE ZEROS.
05 <th>WS-GND-TOT-ERR-ITEMS</th> <th>PIC 9(17)</th> <th>VALUE ZEROS.</th>	WS-GND-TOT-ERR-ITEMS	PIC 9(17)	VALUE ZEROS.

05	WS-TOTAL-ERROR-LINES	PIC 999	VALUE 999.
05 <th>WS-TOTAL-ROLL-OVER-LINES</th> <th>PIC 999</th> <th>VALUE 999.</th>	WS-TOTAL-ROLL-OVER-LINES	PIC 999	VALUE 999.
05 <th>WS-ERROR-PAGE-COUNT</th> <th>PIC 9(04)</th> <th>VALUE ZEROS.</th>	WS-ERROR-PAGE-COUNT	PIC 9(04)	VALUE ZEROS.
05 <th>WS-ROLL-OVER-PAGE-COUNT</th> <th>PIC 9(04)</th> <th>VALUE ZEROS.</th>	WS-ROLL-OVER-PAGE-COUNT	PIC 9(04)	VALUE ZEROS.
05 <th>WS-SUMMARY-PAGE-COUNT</th> <th>PIC 9(04)</th> <th>VALUE ZEROS.</th>	WS-SUMMARY-PAGE-COUNT	PIC 9(04)	VALUE ZEROS.

05	WS-PREVIOUS-SSN	PIC 9(9)	VALUE ZEROS.
05 <th>WS-PREVIOUS-ERROR-SSN</th> <th>PIC 9(9)</th> <th>VALUE ZEROS.</th>	WS-PREVIOUS-ERROR-SSN	PIC 9(9)	VALUE ZEROS.
05 <th>WS-PREVIOUS-ROLL-SSN</th> <th>PIC 9(9)</th> <th>VALUE ZEROS.</th>	WS-PREVIOUS-ROLL-SSN	PIC 9(9)	VALUE ZEROS.

05	TFR-COL-TOT-ITEMS	PIC S9(17)	COMP-3 VALUE ZERO.
05 <th>TFR-COL-TOT-DOLLARS</th> <th>PIC S9(19)V9(12)</th> <th>COMP-3 VALUE ZERO.</th>	TFR-COL-TOT-DOLLARS	PIC S9(19)V9(12)	COMP-3 VALUE ZERO.
05 <th>TFR-COL-ACH-ITEMS</th> <th>PIC S9(17)</th> <th>COMP-3 VALUE ZERO.</th>	TFR-COL-ACH-ITEMS	PIC S9(17)	COMP-3 VALUE ZERO.
05 <th>TFR-COL-ACH-DOLLARS</th> <th>PIC S9(19)V9(12)</th> <th>COMP-3 VALUE ZERO.</th>	TFR-COL-ACH-DOLLARS	PIC S9(19)V9(12)	COMP-3 VALUE ZERO.
05 <th>TFR-COL-PPR-ITEMS</th> <th>PIC S9(17)</th> <th>COMP-3 VALUE ZERO.</th>	TFR-COL-PPR-ITEMS	PIC S9(17)	COMP-3 VALUE ZERO.
05 <th>TFR-COL-PPR-DOLLARS</th> <th>PIC S9(19)V9(12)</th> <th>COMP-3 VALUE ZERO.</th>	TFR-COL-PPR-DOLLARS	PIC S9(19)V9(12)	COMP-3 VALUE ZERO.
05 <th>TFR-COL-CHK-ITEMS</th> <th>PIC S9(17)</th> <th>COMP-3 VALUE ZERO.</th>	TFR-COL-CHK-ITEMS	PIC S9(17)	COMP-3 VALUE ZERO.
05 <th>TFR-COL-CHK-DOLLARS</th> <th>PIC S9(19)V9(12)</th> <th>COMP-3 VALUE ZERO.</th>	TFR-COL-CHK-DOLLARS	PIC S9(19)V9(12)	COMP-3 VALUE ZERO.
05 <th>TFR-RMT-TOT-ITEMS</th> <th>PIC S9(17)</th> <th>COMP-3 VALUE ZERO.</th>	TFR-RMT-TOT-ITEMS	PIC S9(17)	COMP-3 VALUE ZERO.
05 <th>TFR-RMT-TOT-DOLLARS</th> <th>PIC S9(19)V9(12)</th> <th>COMP-3 VALUE ZERO.</th>	TFR-RMT-TOT-DOLLARS	PIC S9(19)V9(12)	COMP-3 VALUE ZERO.
05 <th>TFR-RMT-ACH-ITEMS</th> <th>PIC S9(17)</th> <th>COMP-3 VALUE ZERO.</th>	TFR-RMT-ACH-ITEMS	PIC S9(17)	COMP-3 VALUE ZERO.
05 <th>TFR-RMT-ACH-DOLLARS</th> <th>PIC S9(19)V9(12)</th> <th>COMP-3 VALUE ZERO.</th>	TFR-RMT-ACH-DOLLARS	PIC S9(19)V9(12)	COMP-3 VALUE ZERO.
05 <th>TFR-RMT-PPR-ITEMS</th> <th>PIC S9(17)</th> <th>COMP-3 VALUE ZERO.</th>	TFR-RMT-PPR-ITEMS	PIC S9(17)	COMP-3 VALUE ZERO.
05 <th>TFR-RMT-PPR-DOLLARS</th> <th>PIC S9(19)V9(12)</th> <th>COMP-3 VALUE ZERO.</th>	TFR-RMT-PPR-DOLLARS	PIC S9(19)V9(12)	COMP-3 VALUE ZERO.
05 <th>TFR-RMT-CHK-ITEMS</th> <th>PIC S9(17)</th> <th>COMP-3 VALUE ZERO.</th>	TFR-RMT-CHK-ITEMS	PIC S9(17)	COMP-3 VALUE ZERO.
05 <th>TFR-RMT-CHK-DOLLARS</th> <th>PIC S9(19)V9(12)</th> <th>COMP-3 VALUE ZERO.</th>	TFR-RMT-CHK-DOLLARS	PIC S9(19)V9(12)	COMP-3 VALUE ZERO.

PROGRAM HOLD AREA

000437	03/13/91
000436	03/13/91
000439	03/13/91
000440	03/13/91
000441	03/13/91
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000468	05/25/91
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000471	05/25/91
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000473	05/25/91
000474	05/25/91
000475	05/25/91
000476	05/25/91
000477	05/25/91
000478	05/25/91
000479	05/25/91
000480	05/25/91
000481	05/25/91
000482	05/25/91
000483	05/25/91
000484	03/13/91
000485	03/13/91
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01 WS-HOLD-DRAFT.

PIC X.

VALUE 'B'.

05 DRAFT-EXTENSION

PIC X(79)

VALUE 'E'.

05 DRAFT-EXTENSION-99 REDEFINES DRAFT-EXTENSION PIC 99.

PIC X(79)

VALUE SPACES.

01 WS-HOLD-ACH.

PIC X.

VALUE 'B'.

05 DAY-NIGHT-ACH

PIC X(79)

VALUE 'E'.

05 FILLER

PIC X(77)

VALUE SPACES.

01 WS-ROLLBACK-CNT.

PIC 999

VALUE 110.

DRAFTITEM

X 000504 11/14/90

01 WS-PHONE-AREA.

05 WS-PHONE-AREA-IN.

PIC 999

VALUE ZEROS.

10 WS-AREA-CODE-IN

PIC 999

VALUE ZEROS.

10 WS-PHONE-EXT-IN

PIC 9999

VALUE ZEROS.

05 WS-PHONE-AREA-OUT.

PIC 999

VALUE ZEROS.

10 WS-AREA-CODE-OUT

PIC X

VALUE 'B'.

10 WS-PHONE-EXT-OUT

PIC X

VALUE 'E'.

10 WS-PHONE-EXT-OUT

PIC 9999

VALUE ZEROS.

01 WS-TRACE-NUMBER-AREA.

05 WS-TRACE-NDR.

PIC 9

VALUE ZEROS.

10 FILLER

PIC 99

VALUE ZEROS.

10 WS-TRACE-YV

PIC 999

VALUE ZEROS.

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 * SSN AREA *

01 WS-SSN-AREA.

05 WS-SSN-IN.

10 WS-SSN-1ST3-IN PIC 999
 10 WS-SSN-2ND2-IN PIC 99
 10 WS-SSN-LAST4-IN PIC 9999

VALUE ZEROS.
 VALUE ZEROS.
 VALUE ZEROS.

05 WS-SSN-OUT.

10 WS-SSN-1ST3-OUT PIC 999
 10 FILLER PIC X
 10 WS-SSN-2ND2-OUT PIC 99
 10 FILLER PIC X
 10 WS-SSN-LAST4-OUT PIC 9999

VALUE ZEROS.
 VALUE '-'.
 VALUE ZEROS.
 VALUE '-'.
 VALUE ZEROS.

 * COMPARE VARIABLES *

77 WS-CARDIN-SM

00 MORE-CARDIN
 00 NO-MORE-CARDIN

PIC X
 VALUE 'Y'.
 VALUE 'Y'.
 VALUE 'N'.

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77 WS-STATUS-A-CNT PIC 9(6)
 77 WS-STATUS-I-CNT PIC 9(6)
 77 WS-STATUS-F-CNT PIC 9(6)
 77 WS-STATUS-D-CNT PIC 9(6)
 77 WS-STATUS-P-CNT PIC 9(6)
 77 WS-STATUS-C-CNT PIC 9(6)
 77 WS-STATUS-TOT-CNT PIC 9(6)

VALUE ZEROS.
 VALUE ZEROS.
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 * PCN DATE FIELDS *

01 WS-DATE-WORK.

05 WS-HOLD-DATE-FFRMDDY.

10 HOLD-F-FFRMDDY PIC 9(02)
 10 HOLD-H-FFRMDDY PIC 9(02)
 10 HOLD-D-FFRMDDY PIC 9(02)
 10 HOLD-Y-FFRMDDY PIC 9(02)

VALUE ZEROS.
 VALUE ZEROS.
 VALUE ZEROS.
 VALUE ZEROS.

05 WS-HOLD-DATE.

10 HOLD-MONTH PIC 9(02)
 10 HOLD-DAY PIC 9(02)
 10 HOLD-YEAR PIC 9(02)

VALUE ZEROS.
 VALUE ZEROS.
 VALUE ZEROS.

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05	WS-YEAR-WORK.	PIC X(02)	VALUE ZEROS.	000598
10	FILLER	PIC 9(02)	VALUE ZEROS.	000591
10	WS-VY-LAST2	PIC 9(02)	VALUE ZEROS.	000592
05	DRAFT-DATE-PLUS-DEF	PIC 9(06)	VALUE ZEROS.	000593
05	DRAFT-DATE	PIC 9(06)	VALUE ZEROS.	000594
05	WS-TRANS-DATE.	PIC 99	VALUE ZEROS.	000595
10	WS-TRANS-YEAR	PIC X	VALUE '/'.	000596
10	WS-TRANS-MONTH	PIC 99	VALUE '/'.	000597
10	FILLER	PIC X	VALUE '/'.	000598
10	WS-TRANS-DAY	PIC 99	VALUE ZEROS.	000599
05	WS-DELETED-DATE.	PIC X(07)	VALUE 'DELETED'.	000600
10	FILLER	PIC X.	VALUE ZEROS.	000601
10	WS-DEL-PAY-TYPE	PIC X.	VALUE ZEROS.	000602
05	WS-DATE-MOY-WITH-SLASHES.	PIC 9(02)	VALUE ZEROS.	000603
10	WS-M-MOY-SLASHES	PIC X	VALUE '/'.	000604
10	FILLER	PIC 9(02)	VALUE ZEROS.	000605
10	WS-D-MOY-SLASHES	PIC X	VALUE '/'.	000606
10	FILLER	PIC X	VALUE '/'.	000607
10	WS-Y-MOY-SLASHES	PIC 9(02)	VALUE ZEROS.	000608
05	WS-DATE-YMD.	PIC 9(02)	VALUE ZEROS.	000609
10	WS-Y-YMD	PIC 9(02)	VALUE ZEROS.	000610
10	WS-M-YMD	PIC 9(02)	VALUE ZEROS.	000611
10	WS-D-YMD	PIC 9(02)	VALUE ZEROS.	000612
05	WS-DATE-MOY.	PIC 9(02)	VALUE ZEROS.	000613
10	WS-M-MOY	PIC 9(02)	VALUE ZEROS.	000614
10	WS-D-MOY	PIC 9(02)	VALUE ZEROS.	000615
10	WS-Y-MOY	PIC 9(02)	VALUE ZEROS.	000616
05	WS-CURRENT-DATE	PIC 9(06)	VALUE ZEROS.	000617
05	FILLER REDEFINES WS-CURRENT-DATE.	PIC 9(02)	VALUE ZEROS.	000618
10	CD-YR	PIC 9(02)	VALUE ZEROS.	000619
10	CD-MONTH	PIC 9(02)	VALUE ZEROS.	000620
10	CD-DAY	PIC 9(02)	VALUE ZEROS.	000621
05	WS-TIME	PIC 9(06)	VALUE ZEROS.	000622
05	FILLER REDEFINES WS-TIME.	PIC 99.	VALUE ZEROS.	000623
10	WS-HH	PIC 99.	VALUE ZEROS.	000624
10	WS-MM	PIC 99.	VALUE ZEROS.	000625
10	WS-SS	PIC 99.	VALUE ZEROS.	000626
10	FILLER	PIC 99.	VALUE ZEROS.	000627
05	WS-TRANS-TIME.	PIC 99	VALUE ZEROS.	000628
10	WS-MOYR	PIC 99	VALUE ZEROS.	000629

05 WS-SQL-DATE. PIC 9 VALUE ZEROS.
10 WS-SQL-DATE-FILLER PIC 9(6) VALUE ZEROS.
10 WS-SQL-DATE-YMD PIC 9(6) VALUE ZEROS.

-INC TRKFLDS

-INC FDATAFLDS

01 WS-SC-LIT. PIC X(03) VALUE 'SC'.
05 FILLER PIC X(02) VALUE SPACES.
05 WS-SC-CODE PIC X(02) VALUE SPACES.

01 WS-PRINT-LINE. PIC X(9) VALUE SPACES.
05 JUNK-COMMIT-KEY PIC X(1) VALUE SPACES.
05 CC-LINE PIC X(132) VALUE SPACES.
05 JUNK-LINE PIC X(132) VALUE SPACES.
01 WS-PRINT-LINE2 PIC X(132) VALUE SPACES.

01 TRANFREE-SC-TABLE. PIC S9(6) COMP VALUE ZERO.
05 TRANFREE-TBL-ENTRIES PIC S9(6) COMP VALUE ZERO.
05 TRANFREE-CURR-ENTRY PIC S9(6) COMP VALUE +1500.
05 TRANFREE-MAX-ENTRIES PIC S9(6) COMP VALUE +1500.
05 TRANFREE-SC-ENTRY OCCURS 1500 TIMES
INDEXED BY TFR-IDX.
10 TFR-TBL-SC-CODE PIC X(2) VALUE SPACES.
10 TFR-TBL-SC-ITEMS PIC S9(6) COMP-3 VALUE +0.
10 TFR-TBL-SC-DOLLARS PIC S9(9)V9(12) COMP-3 VALUE +0.

01 TRANFREE-PAY-TABLE-REC. PIC 9(9) COMP.
05 TFR-PAY-TBL-COMMIT PIC S9(6) COMP.
05 TFR-PAY-TBL-NBR PIC S9(6) COMP.
05 TFR-PAY-TBL-ENTRY PIC X(12) VALUE SPACES.

* OUTPUT DEFINITIONS *

01 WS-HEADINGS-FOR-ROLLOVER.

05 RO-HEADING-1. PIC X(11) VALUE
10 FILLER 'PDB0010.20'.
10 FILLER PIC X(133) VALUE SPACES.
10 FILLER PIC X(63) VALUE
CHECKFREE CORPORATION - CONSUMER SERVICES.
10 FILLER PIC X(28) VALUE SPACES.
10 FILLER PIC X(9) VALUE SPACES.

000641	05/25/91
000642	05/25/91
000643	11/14/90
000644	05/25/91
000645	05/25/91
000646	05/25/91
000647	05/25/91
X 000648	05/25/91
000649	05/25/91
X 000650	05/25/91
000651	05/25/91
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000691	05/25/91

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05	RO-HEADING-2.	PIC X(8).	000692	
10	RO-RUN-DATE	PIC X(8).	000693	
10	FILLER	PIC X(52)	000694	
10	FILLER	PIC X(17)	000695	
10	RO-DRAFT-REPORT-DATE	PIC X(8).	000696	
10	FILLER	PIC X(45)	000697	
10	FILLER	PIC X(5)	000698	
10	RO-PAGE-NUMBER	PIC Z,ZZ9.	000699	
05	RO-HEADING-3.	PIC X(64)	000700	
10	FILLER	PIC X(63)	000701	
10	FILLER	PIC X(10)	000702	
10	FILLER	PIC X(10)	000703	
10	FILLER	PIC X(10)	000704	
10	FILLER	PIC X(10)	000705	
10	FILLER	PIC X(10)	000706	
10	FILLER	PIC X(10)	000707	
10	FILLER	PIC X(10)	000708	
10	FILLER	PIC X(10)	000709	
10	FILLER	PIC X(10)	000710	
10	FILLER	PIC X(10)	000711	
10	FILLER	PIC X(10)	000712	
10	FILLER	PIC X(10)	000713	
10	FILLER	PIC X(10)	000714	
10	FILLER	PIC X(10)	000715	
10	FILLER	PIC X(10)	000716	
10	FILLER	PIC X(64)	000717	
05	RO-HEADING-4.	PIC X(67)	000718	
10	FILLER	PIC X(65)	000719	
10	FILLER	PIC X(65)	000720	
10	FILLER	PIC X(66)	000721	
10	FILLER	PIC X(63)	000722	
10	FILLER	PIC X(63)	000723	
10	FILLER	PIC X(63)	000724	
10	FILLER	PIC X(13)	000725	
10	FILLER	PIC X(13)	000726	
10	FILLER	PIC X(13)	000727	
10	FILLER	PIC X(16)	000728	
10	FILLER	PIC X(14)	000729	
10	FILLER	PIC X(14)	000730	
10	FILLER	PIC X(12)	000731	
10	FILLER	PIC X(12)	000732	
10	FILLER	PIC X(66)	000733	
10	FILLER	PIC X(66)	000734	
10	FILLER	PIC X(66)	000735	
10	FILLER	PIC X(66)	000736	
10	FILLER	PIC X(66)	000737	
10	FILLER	PIC X(63)	000738	
10	FILLER	PIC X(13)	000739	
10	FILLER	PIC X(13)	000740	
10	FILLER	PIC X(63)	000741	
10	FILLER	PIC X(66)	000742	


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10 FILLER 'GRAND TOTALS --' PIC X(10) VALUE 000794
10 FILLER 'TOTAL ITEMS PAID ' PIC X(10) 000795
10 GMD-TOT-ROL-ITEMS PIC ZZZZZZ9. 000796
10 FILLER PIC X(06) 000797
10 FILLER PIC X(19) 000798
10 FILLER 'TOTAL DOLLARS PAID ' 000799
10 GMD-TOT-ROL-DOLLARS PIC $$$,###,###.99. 000800
10 FILLER PIC X(139) 000801
04/14/91 000802
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05 GMD-TOT-ERR-DETAIL.
10 FILLER PIC X(28) VALUE 000805
10 FILLER 'GRAND TOTALS ERRORS --' PIC X(10) 000806
10 FILLER PIC X(10) 000807
10 FILLER 'TOTAL ITEMS ERROR ' 000808
10 GMD-TOT-ERR-ITEMS PIC ZZZZZZ9. 000809
10 FILLER PIC X(06) 000810
10 FILLER PIC X(19) 000811
10 FILLER 'TOTAL DOLLARS ERROR' 000812
10 GMD-TOT-ERR-DOLLARS PIC $$$,###,###.99. 000813
10 FILLER PIC X(139) 000814
04/14/91 000815
000816
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01 WS-HEADINGS-FOR-ERROR-REPT.

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05 ERR-HEADING-1.
10 FILLER 'PDB00010.21' PIC X(11) VALUE 000621
10 FILLER PIC X(133) 000622
10 FILLER PIC X(43) VALUE 000623
10 FILLER 'CHECKFREE CORPORATION - CONSUMER SERVICES ' 000624
10 FILLER PIC X(20) 000625
10 FILLER PIC X(19) 000626
10 FILLER 'RUN DATE ' 000627
10 ERR-RUN-DATE PIC X(8). 000628
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05 ERR-HEADING-2.
10 FILLER PIC X(49) VALUE 000631
10 FILLER PIC X(23) 000632
10 FILLER 'DRAFT ERROR REPORT FOR ' 000633
10 ERR-DRAFT-DATE PIC X(8). 000634
10 FILLER PIC X(42) 000635
10 FILLER PIC X(15) 000636
10 FILLER 'PAGE ' 000637
10 ERR-PAGE-NUMBER PIC Z,ZZ9. 000638
04/14/91 000639
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05 ERR-HEADING-3.
10 FILLER PIC X(04) VALUE 000640
10 FILLER PIC X(03) 000641
10 FILLER 'SSN' 000642
10 FILLER PIC X(10) 000643
10 FILLER VALUE SPACES. 000644

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10 FILLER	PIC X(09)	VALUE	000945	
10 FILLER 'LAST NAME'	PIC X(08)	VALUE SPACES.	000946	
10 FILLER	PIC X(10)	VALUE	000947	
10 FILLER 'FIRST NAME'	PIC X(10)	VALUE	000948	
10 FILLER	PIC X(02)	VALUE SPACES.	000949	
10 FILLER	PIC X(02)	VALUE	000950	
10 FILLER 'MI'	PIC X(01)	VALUE SPACES.	000951	
10 FILLER	PIC X(01)	VALUE SPACES.	000952	
10 FILLER	PIC X(10)	VALUE	000953	
10 FILLER 'REASON FOR REJECTS'	PIC X(05)	VALUE SPACES.	000954	
10 FILLER	PIC X(05)	VALUE SPACES.	000955	
10 FILLER	PIC X(05)	VALUE SPACES.	000956	
10 FILLER	PIC X(05)	VALUE SPACES.	000957	
10 FILLER	PIC X(06)	VALUE SPACES.	000958	04/14/91
10 FILLER	PIC X(08)	VALUE	000959	04/14/91
10 FILLER 'PC PHONE'	PIC X(03)	VALUE SPACES.	000960	04/14/91
10 FILLER	PIC X(03)	VALUE	000961	04/14/91
10 FILLER	PIC X(03)	VALUE SPACES.	000962	04/14/91
10 FILLER	PIC X(03)	VALUE	000963	
10 FILLER 'CRP'	PIC X(12)	VALUE SPACES.	000964	
10 FILLER	PIC X(08)	VALUE	000965	
10 FILLER 'MERCHANT'	PIC X(16)	VALUE SPACES.	000966	
10 FILLER	PIC X(14)	VALUE	000967	
10 FILLER	PIC X(04)	VALUE SPACES.	000968	
10 FILLER 'ACCOUNT NUMBER'	PIC X(04)	VALUE	000969	
10 FILLER	PIC X(04)	VALUE SPACES.	000970	04/14/91
10 FILLER	PIC X(04)	VALUE	000971	04/14/91
10 FILLER 'TYPE'	PIC X(04)	VALUE SPACES.	000972	04/14/91
10 FILLER	PIC X(06)	VALUE	000973	04/14/91
10 FILLER 'AMOUNT'	PIC X(05)	VALUE SPACES.	000974	04/14/91
10 FILLER	PIC X(06)	VALUE	000975	
10 FILLER	PIC X(05)	VALUE SPACES.	000976	
10 FILLER	PIC X(06)	VALUE	000977	
10 FILLER 'PAY DATE'	PIC X(31)	VALUE SPACES.	000978	
10 FILLER	PIC X(31)	VALUE SPACES.	000979	
10 FILLER	PIC X(31)	VALUE SPACES.	000980	
10 FILLER	PIC X(31)	VALUE SPACES.	000981	
10 FILLER	PIC X(31)	VALUE SPACES.	000982	
10 FILLER	PIC X(31)	VALUE SPACES.	000983	
10 FILLER	PIC X(31)	VALUE SPACES.	000984	
10 FILLER	PIC X(31)	VALUE SPACES.	000985	
10 FILLER	PIC X(31)	VALUE SPACES.	000986	
10 FILLER	PIC X(31)	VALUE SPACES.	000987	
10 FILLER	PIC X(31)	VALUE SPACES.	000988	
10 FILLER	PIC X(31)	VALUE SPACES.	000989	
10 FILLER	PIC X(31)	VALUE SPACES.	000990	
10 FILLER	PIC X(31)	VALUE SPACES.	000991	
10 FILLER	PIC X(31)	VALUE SPACES.	000992	04/14/91
10 FILLER	PIC X(31)	VALUE SPACES.	000993	04/14/91
10 FILLER	PIC X(31)	VALUE SPACES.	000994	04/14/91
10 FILLER	PIC X(31)	VALUE SPACES.	000995	

01 WS-DETAILS-FOR-ERROR.

05 ERR-DETAIL-1.

10 FILLER	PIC X(11)	VALUE SPACES.	000995	
10 FILLER	PIC X(02)	VALUE SPACES.	000996	
10 FILLER	PIC X(20)	VALUE SPACES.	000997	
10 FILLER	PIC X(01)	VALUE SPACES.	000998	
10 FILLER	PIC X(10)	VALUE SPACES.	000999	
10 FILLER	PIC X(02)	VALUE SPACES.	001000	
10 FILLER	PIC X(01)	VALUE SPACES.	001001	
10 FILLER	PIC X(54)	VALUE SPACES.	001002	04/14/91
10 FILLER	PIC X(29)	VALUE SPACES.	001003	04/14/91
10 FILLER	PIC X(01)	VALUE SPACES.	001004	04/14/91
10 FILLER	PIC X(01)	VALUE SPACES.	001005	

01 WS-HEADINGS-FOR-SUMMARY-REPT.

05	SUM-HEADING-1.	PIC X(11)	VALUE	000947	
10	FILLER			000948	
	'PDB00010.22'.			000949	
10	FILLER	PIC X(13)	VALUE SPACES.	000950	
10	FILLER	PIC X(43)	VALUE	000951	
	'CHECKFREE CORPORATION - CONSUMER SERVICES'.			000952	
10	FILLER	PIC X(20)	VALUE SPACES.	000953	
10	FILLER	PIC X(9)	VALUE	000954	
	'RUN DATE'.			000955	
10	SUM-RUN-DATE	PIC X(8)		000956	
				000957	
				000958	
				000959	
				000960	
				000961	
				000962	
05	SUM-HEADING-2.	PIC X(55)	VALUE SPACES.	000963	
10	FILLER	PIC X(21)	VALUE	000964	
	'TRANFREE INPUT REPORT'.			000965	
10	FILLER	PIC X(46)	VALUE SPACES.	000966	
10	FILLER	PIC X(05)	VALUE	000967	
	'PAGE'.			000968	
10	SUM-PAGE-NUMBER	PIC Z,ZZ9.		000969	
				000970	
				000971	
				000972	
05	SUM-HEADING-3.	PIC X(50)	VALUE SPACES.	000973	
10	FILLER	PIC X(21)	VALUE	000974	
	'FOR COLLECTION DATE'.			000975	
10	SUM-DRAFT-DATE	PIC X(08)		000976	
10	FILLER	PIC X(53)	VALUE SPACES.	000977	
				000978	
				000979	
05	SUM-HEADING-4.	PIC X(26)	VALUE SPACES.	000980	
10	FILLER	PIC X(27)	VALUE	000981	
	'CONSUMER PAYMENTS PROCESSED'.			000982	
10	FILLER	PIC X(28)	VALUE SPACES.	000983	
10	FILLER	PIC X(30)	VALUE	000984	
	'MERCHANT REMITTANCES PROCESSED'.			000985	
10	FILLER	PIC X(21)	VALUE SPACES.	000986	
				000987	
				000988	
05	SUM-DETAIL.	PIC X(14)	VALUE SPACES.	000989	05/25/91
10	FILLER	PIC X(05)	VALUE SPACES.	000990	05/25/91
10	FILLER	PIC X(01)	VALUE SPACES.	000991	05/25/91
10	SUM-COL-COL-LIT	PIC X(11)	VALUE SPACES.	000992	05/25/91
10	FILLER	PIC X(01)	VALUE SPACES.	000993	05/25/91
10	SUM-COL-ITEMS	PIC Z,ZZZ,ZZ9.	VALUE SPACES.	000994	05/25/91
10	FILLER	PIC X(02)	VALUE SPACES.	000995	05/25/91
10	SUM-COL-FOR-LIT	PIC X(03)	VALUE SPACES.	000996	05/25/91
10	FILLER	PIC X(02)	VALUE SPACES.	000997	05/25/91


```

10 SUM-COL-DOLLARS          PIC $$$,000,000.99.  VALUE SPACES.
10 FILLER                   PIC X(11)           VALUE SPACES.
10 SUM-RMT-TYPE-LIT         PIC X(05)           VALUE SPACES.
10 FILLER                   PIC X(01)           VALUE SPACES.
10 SUM-RMT-RMT-LIT         PIC X(11)           VALUE SPACES.
10 FILLER                   PIC X(01)           VALUE SPACES.
10 SUM-RMT-ITEMS           PIC Z,ZZZ,ZZ9.        VALUE SPACES.
10 FILLER                   PIC X(02)           VALUE SPACES.
10 SUM-RMT-FOR-LIT         PIC X(03)           VALUE SPACES.
10 FILLER                   PIC X(02)           VALUE SPACES.
10 SUM-RMT-DOLLARS         PIC $$$,000,000.99.  VALUE SPACES.
10 FILLER                   PIC X(09)

```

PROCEDURE DIVISION.

MOVE 'PDB00010' TO SQL-PRG.

A000-MAINLINE.

```

EXEC SQL WHENEVER SQLWARNING GO TO ERRCNK END-EXEC.
EXEC SQL WHENEVER SQLERROR  GO TO ERRCNK END-EXEC.
EXEC SQL WHENEVER NOT FOUND  CONTINUE  END-EXEC.

```

MOVE 'PDB00010' TO WS-PROGRAM-NAME.
 MOVE 'SELECTING FROM T900_PROG_CONTROL' TO STEP-DENOTER.

```

EXEC SQL SELECT PC_LAST_COMMIT_KEY,
                PC_COMMIT_INTERVAL,
                PC_RESTART_MODE
INTO :PC-LAST-COMMIT-KEY,
     :PC-COMMIT-INTERVAL,
     :PC-RESTART-MODE
FROM T900_PROG_CONTROL
WHERE PC_PROGRAM_NAME = WS-PROGRAM-NAME
END-EXEC.

```

```

DISPLAY 'PC-LAST-COMMIT-KEY : ' PC-LAST-COMMIT-KEY
DISPLAY 'PC-COMMIT-INTERVAL : ' PC-COMMIT-INTERVAL
DISPLAY 'PC-RESTART-MODE : ' PC-RESTART-MODE

```

IF SQLCODE EQUAL 100
 GO TO ERRCNK.

```

IF PC-LAST-COMMIT-KEY NOT = SPACE AND
PC-RESTART-MODE NOT = 'Y'
DISPLAY 'POSSIBLE RESTART CONDITION PROGRAM '
WS-PROGRAM-NAME ' FROM LAST PRODUCTION RUN '

```

000998	05/25/91
000999	05/25/91
001000	05/25/91
001001	05/25/91
001002	05/25/91
001003	05/25/91
001004	05/25/91
001005	05/25/91
001006	05/25/91
001007	05/25/91
001008	05/25/91
001009	
001010	
001011	
001012	
001013	
001014	
001015	01/02/91
001016	
001017	
001018	
001019	
001020	
001021	
001022	
001023	
001024	
001025	05/13/91
001026	05/13/91
001027	05/13/91
001028	05/13/91
001029	05/13/91
001030	05/13/91
001031	05/13/91
001032	05/13/91
001033	05/13/91
001034	05/13/91
001035	05/13/91
001036	05/13/91
001037	05/13/91
001038	05/13/91
001039	05/13/91
001040	05/13/91
001041	05/13/91
001042	05/25/91
001043	05/25/91
001044	05/13/91
001045	05/13/91
001046	05/13/91
001047	05/13/91
001048	05/13/91

```

      GO TO ERRCIK
END-IF.

IF PC-LAST-COMMIT-KEY NOT = SPACE
  DISPLAY 'RESTARTING PROGRAM ' NS-PROGRAM-NAME
  MOVE PC-LAST-COMMIT-KEY TO NS-LAST-KEY
  MOVE 'V' TO PC-RESTART-MODE
END-IF.

OPEN INPUT DATE-FILE.
OPEN INPUT CARDIN.

PERFORM A050-INITIALIZE THRU A050-INITIALIZE-EXIT.

CLOSE DATE-FILE.

*
* DECLARE CURSORS HERE.
*
MOVE 'DECLARE CURSOR T010' TO STEP-DENOTER.
EXEC SQL DECLARE T010 CURSOR FOR
  SELECT
    NS_SETTLE_CODE,
    NS_STATUS,
    NS_SETTLE_METH_IND
  FROM T010_MRCH_SETTLE
  WHERE
    NS_SETTLE_METH_IND = 'A'
    AND NS_STATUS = 'A'
  ORDER BY NS_SETTLE_CODE
END-EXEC.

MOVE 'DECLARE CURSOR T002' TO STEP-DENOTER.
EXEC SQL DECLARE T002 CURSOR
  FOR SELECT
    CP_SSN,
    CP_CHK_PHONE,
    CP_CHK_CR_PHONE,
    CP_MRCH_PHONE,
    CP_MRCH_CR_PHONE,
    CP_MRCH_NAME,
    CP_MRCH_AMT,
    CP_MRCH_PAY_DATE,
    CP_PAY_TYPE,
    CP_PAY_REMAIN,
    CP_STATUS,
    CP_ACCT_NBR,
    CP_PAY_FREQ,
    CP_CHG_DATE,
    CP_CHG_AMT,
    001049 03/13/91
    001050 03/13/91
    001051 03/13/91
    001052 03/13/91
    001053 03/13/91
    001054 03/13/91
    001055 03/13/91
    001056 03/13/91
    001057 03/13/91
    001058 03/13/91
    001059
    001060
    001061
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    001064
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    001067
    001068
    001069
    001070 05/25/91
    001071 05/25/91
    001072 05/25/91
    001073 05/25/91
    001074 05/25/91
    001075 05/25/91
    001076 05/25/91
    001077 05/25/91
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    001098
    001099

```


COMPUTE WS-STATUS-TOT-CNT = WS-STATUS-A-CNT +
 WS-STATUS-I-CNT +
 WS-STATUS-F-CNT +
 WS-STATUS-D-CNT +
 WS-STATUS-P-CNT +
 WS-STATUS-C-CNT.

MOVE SPACES TO ERROR-REPORT-LINE.
 WRITE ERROR-REPORT-LINE.

MOVE 'TOTAL CONSUMERS IN ERROR ' TO ERR-STATUS-DESC.
 MOVE WS-STATUS-TOT-CNT TO ERR-STATUS-CNT.
 MOVE ERR-DETAIL-3 TO ERROR-REPORT-LINE.
 WRITE ERROR-REPORT-LINE.
 CLOSE MERCHANT-FILE,
 TRANHOLD-FILE,
 DRIFTITEM-FILE,
 ROLLOVER-REPORT,
 ERROR-REPORT,
 SUMMARY-REPORT,
 CARDIN.

MOVE SPACE TO PC-LAST-COMMIT-KEY
 PC-RESTART-MODE.
 PERFORM 9000-COMMIT-WORK THRU
 9000-EXIT
 STOP RUN.

A000-MAINLINE-EXIT.
 EXIT.

A050-INITIALIZE.
 ACCEPT WS-CURRENT-DATE FROM DATE.
 MOVE CD-YR TO WS-TRANS-YEAR.
 MOVE CD-MONTH TO WS-TRANS-MONTH.
 MOVE CD-DAY TO WS-TRANS-DAY.
 ACCEPT WS-TIME FROM TIME.
 MOVE WS-HH TO WS-HOUR.
 MOVE WS-MM TO WS-MIN.

MOVE WS-COMP-KEY TO COMP-CTL-KEY.
 READ DATE-FILE INTO WS-DATE-RECORD.
 IF COMP-STATUS = '00'
 NEXT SENTENCE

ELSE
 DISPLAY 'MESSAGE FROM ' SQL-PCN ' :
 DISPLAY 'BAD READ ON AECOMP DATE FILE.'
 DISPLAY 'STATUS CODE IS: ' COMP-STATUS
 DISPLAY 'PROGRAM HALTED. STOP JOB '

001202	04/14/91
001203	04/14/91
001204	04/14/91
001205	04/14/91
001206	04/14/91
001207	04/14/91
001208	04/14/91
001209	04/14/91
001210	04/14/91
001211	04/14/91
001212	04/14/91
001213	04/14/91
001214	04/14/91
001215	04/14/91
001216	
001217	
001218	
001219	
001220	
001221	
001222	
001223	
001224	03/13/91
001225	03/13/91
001226	03/13/91
001227	03/13/91
001228	03/13/91
001229	
001230	
001231	
001232	
001233	
001234	
001235	
001236	01/02/91
001237	
001238	
001239	
001240	01/02/91
001241	
001242	
001243	
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001252	

MOVE WS-77-DATE-7DIGITS TO WS-SQL-DATE.
 MOVE WS-SQL-DATE-YMD TO WS-DATE-MDY.
 MOVE WS-Y-MDY TO WS-Y-MDY-SLASHES
 MOVE WS-M-MDY TO WS-M-MDY-SLASHES
 MOVE WS-D-MDY TO WS-D-MDY-SLASHES
 MOVE WS-DATE-MDY-WITH-SLASHES TO RO-RUN-DATE,
 ERR-RUN-DATE,
 SUM-RUN-DATE.

MOVE WS-Y-MDY TO HOLD-Y-FFMMDDYY
 MOVE WS-M-MDY TO HOLD-M-FFMMDDYY
 MOVE WS-D-MDY TO HOLD-D-FFMMDDYY
 MOVE 00 TO HOLD-F-FFMMDDYY
 MOVE WS-HOLD-DATE-FFMMDDYY TO DATE-FFMMDDYY
 PERFORM GREGORIAN-TO-JULIAN THRU
 GREGORIAN-TO-JULIAN-EXIT
 MOVE DATE-YYYY TO WS-TRACE-YY.
 MOVE DATE-DDD TO WS-TRACE-DDD.

***** INITIALIZE THE DRAFTED ITEMS FILE.
 MOVE ZEROS TO DRAFT-RECORD.
 MOVE SPACES TO DRAFT-MRCH-DELETE,
 DRAFT-MRCH-INCREMENT,
 DRAFT-PAY-TYPE,
 DRAFT-PAY-STATUS,
 DRAFT-MRCH-NAME,
 DRAFT-CHECK-DIGIT.

A050-INITIALIZE-EXIT.
 EXIT.

A075-LOAD-STLCODE-TBL.
 IF TRANSFREE-TBL-ENTRIES EQUAL TRANSFREE-MAX-ENTRIES
 DISPLAY 'SETTLEMENT CODE TABLE OVERFLOW'
 GO TO ERRCIK.
 ADD 1 TO TRANSFREE-TBL-ENTRIES.
 SET TFR-IDX TO TRANSFREE-TBL-ENTRIES.
 MOVE WS-SETTLE-CODE TO TFR-TBL-SC-CODE (TFR-IDX).
 MOVE ZERO TO TFR-TBL-SC-ITEMS (TFR-IDX).
 MOVE ZERO TO TFR-TBL-SC-DOLLARS (TFR-IDX).
 PERFORM A079-READ-STLCODE
 THRU A079-READ-STLCODE-EXIT.
 A075-LOAD-STLCODE-TBL-EXIT.
 EXIT.

A079-READ-STLCODE.
 MOVE 'FETCHING FROM T010' TO STEP-DENOTER.
 EXEC SQL FETCH T010
 INTO
 :MS-SETTLE-CODE,
 :MS-STATUS,
 :MS-SETTLE-METH-IND

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001371		
001372		
001373	11/14/90	
001374	11/14/90	
001375	11/14/90	
001376	11/14/90	
001377	11/14/90	
001378	11/14/90	
001379	11/14/90	
001380	11/14/90	
001381	03/13/91	
001382		
001383		
001384		
001385	05/25/91	
001386	05/25/91	
001387	05/25/91	
001388	05/25/91	
001389	05/25/91	
001390	05/25/91	
001391	05/25/91	
001392	05/25/91	
001393	05/25/91	
001394	05/25/91	
001395	05/25/91	
001396	05/25/91	
001397	05/25/91	
001398		
001399	05/25/91	
001400	05/25/91	
001401	05/25/91	
001402	05/25/91	
001403	05/25/91	
001404	05/25/91	
001405	05/25/91	

END-EXEC.
IF SQLCODE EQUAL 100
MOVE 'V' TO ALL-STLCODE-PROCESSED-SW.
A079-READ-STLCODE-EXIT.
EXIT.

* THE FOLLOWING MODULE IS THE MAIN INTERNAL DRIVER FOR THIS *
* PROGRAM. *

A100-MAIN.

PERFORM UNTIL EOF
MOVE ZERO TO WS-COMMIT-COUNTER
PERFORM A125-T002-CONS-PAY-FETCH
THRU A125-T002-CONS-PAY-FETCH-EXIT
UNTIL EOF

END-PERFORM.

IF WS-TOTAL-ROLLOVER-LINES > 0
AND NOT = 999
PERFORM C400-TOTAL-BREAK
THRU C400-TOTAL-BREAK-EXIT.
IF WS-TOTAL-ERROR-LINES > 0
AND NOT = 999
PERFORM D400-TOTAL-BREAK
THRU D400-TOTAL-BREAK-EXIT.

PERFORM I100-CREDIT-OFFSETS
THRU I100-CREDIT-OFFSETS-EXIT.
PERFORM J200-WRITE-GRAND-SUMMARY
THRU J200-WRITE-GRAND-SUMMARY-EXIT.

*** THE FOLLOWING WILL CREATE A GRAND TOTAL LINE ON THE DETAIL
*** DRAFT REPORT.

MOVE TFR-RNT-TOT-ITEMS TO GMD-TOT-ROL-ITEMS.
MOVE TFR-RNT-TOT-DOLLARS TO GMD-TOT-ROL-DOLLARS.
MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE GMD-TOT-ROL-DETAIL TO ROLLOVER-REPORT-LINE.
MOVE '0' TO CC-LINE
MOVE 2 TO ADVANCE-AMOUNT.
PERFORM C900-WRITE-ROLL-LINE
THRU C900-WRITE-ROLL-LINE-EXIT.

*** THE FOLLOWING WILL CREATE A GRAND TOTAL ERROR LINE ON THE
*** DETAIL DRAFT REPORT.

MOVE WS-GMD-TOT-ERR-ITEMS TO GMD-TOT-ERR-ITEMS.
MOVE WS-GMD-TOT-ERR-DOLLARS TO GMD-TOT-ERR-DOLLARS.
MOVE SPACES TO ROLLOVER-REPORT-LINE.

001406 05/25/91
001407 05/25/91
001408 05/25/91
001409 05/25/91
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001442 05/25/91
001443 05/25/91
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001446 03/13/91
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001456

MOVE GND-TOT-ERR-DETAIL TO ROLLOVER-REPORT-LINE.
MOVE '0' TO CC-LINE
MOVE 2 TO ADVANCE-AMOUNT.
PERFORM C900-WRITE-ROLL-LINE
THRU C900-WRITE-ROLL-LINE-EXIT.
A100-MAIN-EXIT.
EXIT.

A125-T002-CONS-PAY-FETCH.
MOVE 'FETCH FROM T002 IN PARAGRAPH A125.
TO STEP-DENOTER.
EXEC SQL FETCH T002 INTO

- :CP-SSN,
- :CP-CHECK-PHONE,
- :CP-CHECK-CR-PHONE,
- :CP-NRCH-PHONE,
- :CP-NRCH-CR-PHONE,
- :CP-NRCH-NAME,
- :CP-NRCH-AMT,
- :CP-NRCH-PAY-DATE,
- :CP-PAY-TYPE,
- :CP-NBR-REMAIN,
- :CP-STATUS,
- :CP-ACCT-NBR,
- :CP-PAY-FREQ,
- :CP-CHG-DATE,
- :CP-CHG-AMT,
- :CP-LAST-TRANS-DATE,
- :CP-PRENOTE-DATE,
- :CP-PRENOTE-RESET,
- :CP-ACCT-SCHEME,
- :CP-CAT-NBR,
- :CP-MNEMONIC

END-EXEC.
IF SQLCODE = 100
MOVE 'Y' TO INPUT-EOF-SW
GO TO A125-T002-CONS-PAY-FETCH-EXIT.
PERFORM B100-PROC-REC THRU B100-PROC-REC-EXIT.

ADD 1 TO WS-COMMIT-COUNTER.
A125-T002-CONS-PAY-FETCH-EXIT.
EXIT.

001457	03/13/91
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001494	
001495	
001496	03/13/91
001497	03/13/91
001498	03/13/91
001499	
001500	
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001505	
001506	
001507	

* THE FOLLOWING MODULE IS THE MAIN INTERNAL DRIVER FOR THIS *
* PROGRAM. *

B100-PROC-REC.

MOVE 'N' TO IS-RECORD-IN-ERROR.

IF WS-PREVIOUS-SSN NOT = CP-SSN

IF WS-COMMIT-COUNTER >= PC-COMMIT-INTERVAL

MOVE 'V' TO PC-RESTART-MODE

MOVE WS-LAST-COMMIT-COUNT TO TFR-PAY-TBL-COMMIT

ADD WS-COMMIT-COUNTER TO WS-LAST-COMMIT-COUNT

MOVE WS-TOTALS TO PC-LAST-COMMIT-KEY

PERFORM 9000-COMMIT-WORK THRU

9000-EXIT

MOVE ZERO TO WS-COMMIT-COUNTER

GO TO B100-PROC-REC-EXIT

END-IF

MOVE 'N' TO IS-CONSUMER-IN-ERROR

MOVE CP-SSN TO WS-PREVIOUS-SSN

PERFORM E100-GET-CONSUMER-INFO

THRU E100-GET-CONSUMER-INFO-EXIT.

PERFORM E200-GET-MERCHANT-INFO

THRU E200-GET-MERCHANT-INFO-EXIT.

PERFORM E300-CHECK-PRENOTE

THRU E300-CHECK-PRENOTE-EXIT.

IF RECORD-IN-ERROR

OR

CONSUMER-IN-ERROR

GO TO B100-PROC-REC-EXIT.

PERFORM F100-ROLLOVER-ROUTINE

THRU F100-ROLLOVER-ROUTINE-EXIT.

PERFORM G100-TRANHOLD-RECORD

THRU G100-TRANHOLD-RECORD-EXIT.

IF PAY-BY-PHONE

PERFORM K100-DRFTITEM-RECORD

THRU K100-DRFTITEM-RECORD-EXIT.

PERFORM H100-UPDATE-TABLES

THRU H100-UPDATE-TABLES-EXIT.

IF CONS-RO-DETAIL-NOT-WRITTEN

PERFORM C200-CONSUMER-ROLL-LINE

THRU C200-CONSUMER-ROLL-LINE-EXIT.

PERFORM C300-MERCHANT-ROLL-LINE

THRU C300-MERCHANT-ROLL-LINE-EXIT.

B100-PROC-REC-EXIT.

EXIT.

001508	
001509	
001510	
001511	03/13/91
001512	03/13/91
001513	05/25/91
001514	03/13/91
001515	03/13/91
001516	03/13/91
001517	03/13/91
001518	03/13/91
001519	03/13/91
001520	03/13/91
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001544	03/13/91
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001549	03/13/91
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 * THE FOLLOWING MODULES PRODUCE THE ROLLOVER REPORT FOR THIS *
 * PROGRAM. *

C100-ROLL-HEADINGS.

MOVE 'N' TO ARE-CONS-RO-HEADINGS-WRITTEN.
 MOVE 'N' TO ARE-MRCH-RO-HEADINGS-WRITTEN.
 MOVE 'N' TO ARE-CONS-RO-DETAIL-WRITTEN.
 MOVE 'N' TO ARE-MRCH-RO-DETAIL-WRITTEN.
 MOVE ZEROS TO WS-TOTAL-ROLLOVER-LINES.
 ADD 1 TO WS-ROLLOVER-PAGE-COUNT.
 MOVE WS-ROLLOVER-PAGE-COUNT TO RO-PAGE-NUMBER.
 MOVE SPACES TO ROLLOVER-REPORT-LINE.
 MOVE RO-HEADING-1 TO ROLLOVER-REPORT-LINE.
 PERFORM C800-WRITE-ROLL-PAGE
 THRU C800-WRITE-ROLL-PAGE-EXIT.
 MOVE SPACES TO ROLLOVER-REPORT-LINE.
 MOVE ' ' TO CC-LINE
 MOVE 1 TO ADVANCE-AMOUNT.
 MOVE RO-HEADING-2 TO ROLLOVER-REPORT-LINE.
 PERFORM C900-WRITE-ROLL-LINE
 THRU C900-WRITE-ROLL-LINE-EXIT.
 C100-ROLL-HEADINGS-EXIT.
 EXIT.

C200-CONSUMER-ROLL-LINE.

IF FIRST-ROLL-RECORD
 MOVE 'N' TO IS-THIS-FIRST-ROLL-RECORD
 PERFORM C100-ROLL-HEADINGS
 THRU C100-ROLL-HEADINGS
 ELSE
 IF WS-TOTAL-ROLLOVER-LINES > 45
 AND
 CP-SSN NOT = WS-PREVIOUS-ROLL-SSN
 PERFORM C400-TOTAL-BREAK
 THRU C400-TOTAL-BREAK-EXIT
 PERFORM C100-ROLL-HEADINGS
 THRU C100-ROLL-HEADINGS-EXIT
 ELSE
 IF WS-TOTAL-ROLLOVER-LINES > 45
 AND
 CP-SSN = WS-PREVIOUS-ROLL-SSN
 PERFORM C100-ROLL-HEADINGS
 THRU C100-ROLL-HEADINGS-EXIT
 ELSE
 IF CP-SSN NOT = WS-PREVIOUS-ROLL-SSN
 PERFORM C400-TOTAL-BREAK

03/13/91

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 001609

THRU C400-TOTAL-BREAK-EXIT.

MOVE CP-SSN TO WS-PREVIOUS-ROLL-SSN.
IF CONS-RO-HEADING-NOT-WRITTEN
PERFORM C210-CONSUMER-HEADINGS
THRU C210-CONSUMER-HEADINGS-EXIT.
PERFORM C220-CONSUMER-DETAIL
THRU C220-CONSUMER-DETAIL-EXIT.
C200-CONSUMER-ROLL-LINE-EXIT.
EXIT.

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03/13/91

C210-CONSUMER-HEADINGS.
MOVE 'V' TO ARE-CONS-RO-HEADINGS-WRITTEN.
MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE ' ' TO CC-LINE
MOVE 3 TO ADVANCE-AMOUNT.
MOVE RO-HEADINGS-3 TO ROLLOVER-REPORT-LINE.
PERFORM C900-WRITE-ROLL-LINE
THRU C900-WRITE-ROLL-LINE-EXIT.
C210-CONSUMER-HEADINGS-EXIT.
EXIT.

C220-CONSUMER-DETAIL.
MOVE 'V' TO ARE-CONS-RO-DETAIL-WRITTEN.

MOVE CP-SSN TO WS-77-SSN.
MOVE WS-77-SSN TO WS-SSN-IN.
MOVE WS-SSN-1ST3-IN TO WS-SSN-1ST3-OUT.
MOVE WS-SSN-2ND2-IN TO WS-SSN-2ND2-OUT.
MOVE WS-SSN-LAST4-IN TO WS-SSN-LAST4-OUT.
MOVE WS-SSN-OUT TO RO-SSN.
MOVE CF-LAST-NAME TO RO-LAST-NAME.
MOVE CF-FIRST-NAME TO RO-FIRST-NAME.
MOVE CF-MID-INIT TO RO-MI.

MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE ' ' TO CC-LINE
MOVE 1 TO ADVANCE-AMOUNT.
MOVE RO-DETAIL-1 TO ROLLOVER-REPORT-LINE.
PERFORM C900-WRITE-ROLL-LINE
THRU C900-WRITE-ROLL-LINE-EXIT.
C220-CONSUMER-DETAIL-EXIT.
EXIT.

03/13/91

C300-MERCHANT-ROLL-LINE.
IF WS-TOTAL-ROLLOVER-LINES > 55
PERFORM C100-ROLL-HEADINGS
THRU C100-ROLL-HEADINGS-EXIT.

IF CONS-RO-HEADING-NOT-WRITTEN
 PERFORM C210-CONSUMER-HEADINGS
 THRU C210-CONSUMER-HEADINGS-EXIT.
 IF CONS-RO-DETAIL-NOT-WRITTEN
 PERFORM C220-CONSUMER-DETAIL
 THRU C220-CONSUMER-DETAIL-EXIT.
 IF MRCH-RO-HEADING-NOT-WRITTEN
 PERFORM C310-MERCHANT-HEADINGS
 THRU C310-MERCHANT-HEADINGS-EXIT.
 PERFORM C320-MERCHANT-DETAIL
 THRU C320-MERCHANT-DETAIL-EXIT.
 C300-MERCHANT-ROLL-LINE-EXIT.
 EXIT.

C310-MERCHANT-HEADINGS.
 MOVE 'Y' TO ARE-MRCH-RO-HEADINGS-WRITTEN.
 MOVE SPACES TO ROLLOVER-REPORT-LINE.
 MOVE '0' TO CC-LINE
 MOVE 2 TO ADVANCE-AMOUNT.
 MOVE RO-HEADING-4 TO ROLLOVER-REPORT-LINE.
 PERFORM C900-WRITE-ROLL-LINE
 THRU C900-WRITE-ROLL-LINE-EXIT.
 C310-MERCHANT-HEADINGS-EXIT.
 EXIT.

C320-MERCHANT-DETAIL.
 MOVE CP-MRCH-PHONE TO WS-77-PHONE.
 MOVE WS-77-PHONE TO WS-PHONE-NUMBER-IN
 MOVE WS-AREA-CODE-IN TO WS-AREA-CODE-OUT
 MOVE WS-PHONE-EXCHG-IN TO WS-PHONE-EXCHG-OUT
 MOVE WS-PHONE-EXT-IN TO WS-PHONE-EXT-OUT
 MOVE WS-PHONE-NUMBER-OUT TO RO-PHONE-NUMBER
 MOVE CP-MRCH-CR-PHONE TO RO-CRP
 MOVE CP-MRCH-NAME TO RO-MERCHANT
 MOVE CP-ACCT-NBR TO RO-ACCOUNT-NUMBER
 MOVE SPACES TO ROLLOVER-REPORT-LINE.
 MOVE ' ' TO CC-LINE
 MOVE 1 TO ADVANCE-AMOUNT.
 MOVE RO-DETAIL-2 TO ROLLOVER-REPORT-LINE.
 PERFORM C900-WRITE-ROLL-LINE
 THRU C900-WRITE-ROLL-LINE-EXIT.
 ADD WS-77-HOLD-PAY-AMOUNT TO WS-TOT-RO-DOLLARS.
 ADD 1 TO WS-TOT-RO-ITEMS.
 C320-MERCHANT-DETAIL-EXIT.
 EXIT.

C400-TOTAL-BREAK.

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03/15/91

MOVE WS-TOT-RO-ITEMS TO TOT-ROL-ITEMS.
MOVE WS-TOT-RO-DOLLARS TO TOT-ROL-DOLLARS.
MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE '0' TO CC-LINE
MOVE 2 TO ADVANCE-AMOUNT.
MOVE TOT-ROL-DETAIL TO ROLLOVER-REPORT-LINE.
PERFORM C900-WRITE-ROLL-LINE
THRU C900-WRITE-ROLL-LINE-EXIT.
MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE '0' TO CC-LINE
MOVE 2 TO ADVANCE-AMOUNT.
PERFORM C900-WRITE-ROLL-LINE
THRU C900-WRITE-ROLL-LINE-EXIT.

MOVE ZEROS TO WS-TOT-RO-ITEMS
WS-TOT-RO-DOLLARS.
C900-TOTAL-BREAK-EXIT.
EXIT.

C800-WRITE-ROLL-PAGE.
MOVE 0 TO WS-TOTAL-ROLLOVER-LINES.
MOVE '1' TO CC-LINE.
MOVE ROLLOVER-REPORT-LINE TO JUNK-LINE.
MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.
WRITE ROLLOVER-REPORT-LINE FROM WS-PRINT-LINE.
ADD 1 TO WS-TOTAL-ROLLOVER-LINES.
C800-WRITE-ROLL-PAGE-EXIT.
EXIT.

C900-WRITE-ROLL-LINE.
MOVE ROLLOVER-REPORT-LINE TO JUNK-LINE.
MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.
WRITE ROLLOVER-REPORT-LINE FROM WS-PRINT-LINE.
ADD ADVANCE-AMOUNT TO WS-TOTAL-ROLLOVER-LINES.
C900-WRITE-ROLL-LINE-EXIT.
EXIT.

001712	03/13/91
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001733	03/13/91
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001735	03/13/91
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001743	03/13/91
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* THE FOLLOWING MODULES PRODUCE THE ERROR REPORT FOR THIS *
* PROGRAM. *

D100-ERROR-HEADINGS.
MOVE 'N' TO ARE-CONS-ERR-HEADINGS-WRITTEN.
MOVE 'N' TO ARE-NRCH-ERR-HEADINGS-WRITTEN.
MOVE 'N' TO ARE-CONS-ERR-DETAIL-WRITTEN.
MOVE 'N' TO ARE-NRCH-ERR-DETAIL-WRITTEN.
MOVE ZEROS TO WS-TOTAL-ERROR-LINES.

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ADD 1 TO WS-ERROR-PAGE-COUNT.
MOVE WS-ERROR-PAGE-COUNT TO ERR-PAGE-NUMBER.
MOVE SPACES TO ERROR-REPORT-LINE.
MOVE ERR-HEADING-1 TO ERROR-REPORT-LINE.
PERFORM D000-WRITE-ERROR-PAGE-EXIT.
THRU D000-WRITE-ERROR-PAGE-EXIT.
MOVE SPACES TO ERROR-REPORT-LINE.
MOVE . . TO CC-LINE
MOVE 1 TO ADVANCE-AMOUNT.
MOVE ERR-HEADING-2 TO ERROR-REPORT-LINE.
PERFORM D900-WRITE-ERROR-LINE
THRU D900-WRITE-ERROR-LINE-EXIT.
D100-ERROR-HEADINGS-EXIT.
EXIT.

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D200-CONSUMER-ERROR-LINE.
IF CF-STATUS = 'A'
  ADD 1 TO WS-STATUS-A-CNT
ELSE
  IF CF-STATUS = 'I'
    ADD 1 TO WS-STATUS-I-CNT
  ELSE
    IF CF-STATUS = 'F'
      ADD 1 TO WS-STATUS-F-CNT
    ELSE
      IF CF-STATUS = 'D'
        ADD 1 TO WS-STATUS-D-CNT
      ELSE
        IF CF-STATUS = 'P'
          ADD 1 TO WS-STATUS-P-CNT
        ELSE
          IF CF-STATUS = 'C'
            ADD 1 TO WS-STATUS-C-CNT.
          MOVE 'CONSUMER STATUS IS ' TO WS-ERR-MESSAGE-STATUS.
          MOVE CF-STATUS TO WS-ERR-STATUS.
          MOVE WS-MESSAGE-STATUS TO WS-ERR-MESSAGE.
        IF FIRST-ERROR-RECORD
          MOVE 'N' TO IS-FIRST-ERROR-RECORD
          PERFORM D100-ERROR-HEADINGS
          THRU D100-ERROR-HEADINGS
        ELSE
          IF WS-TOTAL-ERROR-LINES > 45
            AND
            CP-SSN NOT = WS-PREVIOUS-ERROR-SSN
            PERFORM D400-TOTAL-BREAK
            THRU D400-TOTAL-BREAK-EXIT
            PERFORM D100-ERROR-HEADINGS
            THRU D100-ERROR-HEADINGS-EXIT

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001763	04/14/91
001764	04/14/91
001765	04/14/91
001766	04/14/91
001767	04/14/91
001768	04/14/91
001769	04/14/91
001770	05/13/91
001771	
001772	
001773	
001774	
001775	
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001777	
001778	
001779	04/14/91
001780	04/14/91
001781	04/14/91
001782	04/14/91
001783	04/14/91
001784	04/14/91
001785	04/14/91
001786	04/14/91
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MOVE WS-SSN-2ND2-IN TO WS-SSN-2ND2-OUT.
 MOVE WS-SSN-LAST4-IN TO WS-SSN-LAST4-OUT.
 MOVE WS-SSN-OUT TO ERR-SSN.
 MOVE CF-LAST-NAME TO ERR-LAST-NAME.
 MOVE CF-FIRST-NAME TO ERR-FIRST-NAME.
 MOVE CF-MID-INIT TO ERR-MI.

MOVE WS-ERR-MESSAGE TO ERR-MESSAGE.

MOVE SPACES TO ERROR-REPORT-LINE.

MOVE . . TO CC-LINE

MOVE 1 TO ADVANCE-AMOUNT.

MOVE ERR-DETAIL-1 TO ERROR-REPORT-LINE.

PERFORM D900-WRITE-ERROR-LINE

THRU D900-WRITE-ERROR-LINE-EXIT.

D220-CONSUMER-DETAIL-EXIT.
 EXIT.

D300-MERCHANT-ERROR-LINE.

IF FIRST-ERROR-RECORD

MOVE 'N' TO IS-THIS-FIRST-ERROR-RECORD

PERFORM D100-ERROR-HEADINGS

THRU D100-ERROR-HEADINGS

ELSE

IF WS-TOTAL-ERROR-LINES > 45

AND

CP-SSN NOT = WS-PREVIOUS-ERROR-SSN

AND

MCH-ERR-DETAIL-NOT-WRITTEN

PERFORM D400-TOTAL-BREAK

THRU D400-TOTAL-BREAK-EXIT

PERFORM D100-ERROR-HEADINGS

THRU D100-ERROR-HEADINGS-EXIT

ELSE

IF WS-TOTAL-ERROR-LINES > 45

AND

CP-SSN = WS-PREVIOUS-ERROR-SSN

AND

MCH-ERR-DETAIL-NOT-WRITTEN

PERFORM D100-ERROR-HEADINGS

THRU D100-ERROR-HEADINGS-EXIT

ELSE

IF CP-SSN NOT = WS-PREVIOUS-ERROR-SSN

PERFORM D400-TOTAL-BREAK

THRU D400-TOTAL-BREAK-EXIT.

MOVE CP-SSN TO WS-PREVIOUS-ERROR-SSN.

IF WS-TOTAL-ERROR-LINES > 55

PERFORM D100-ERROR-HEADINGS

THRU D100-ERROR-HEADINGS-EXIT.

IF CONS-ERR-HEADING-NOT-WRITTEN

001865	04/14/91
001866	
001867	04/14/91
001868	04/14/91
001869	04/14/91
001870	04/14/91
001871	04/14/91
001872	04/14/91
001873	
001874	
001875	03/13/91
001876	
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001892	03/13/91
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001894	03/13/91
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001915	

PERFORM D210-CONSUMER-HEADINGS
THRU D210-CONSUMER-HEADINGS-EXIT.
IF COMS-ERR-DETAIL-NOT-WRITTEN
PERFORM D220-CONSUMER-DETAIL
THRU D220-CONSUMER-DETAIL-EXIT.
IF MRCH-ERR-HEADING-NOT-WRITTEN
PERFORM D310-MERCHANT-HEADINGS
THRU D310-MERCHANT-HEADINGS-EXIT.
IF MRCH-ERR-DETAIL-NOT-WRITTEN
PERFORM D320-MERCHANT-DETAIL
THRU D320-MERCHANT-DETAIL-EXIT
GO TO D300-MERCHANT-ERROR-LINE-EXIT.

MOVE SPACES TO ERROR-REPORT-LINE.
MOVE . . TO CC-LINE.
MOVE 1 TO ADVANCE-AMOUNT.
MOVE WS-ERR-MESSAGE-LINE TO ERROR-REPORT-LINE.
PERFORM D900-WRITE-ERROR-LINE
THRU D900-WRITE-ERROR-LINE-EXIT.

MOVE SPACES TO ERROR-REPORT-LINE.
D300-MERCHANT-ERROR-LINE-EXIT.
EXIT.

D310-MERCHANT-HEADINGS.
MOVE 'V' TO ARE-MRCH-ERR-HEADINGS-WRITTEN.
MOVE SPACES TO ERROR-REPORT-LINE.
MOVE '0' TO CC-LINE.
MOVE 2 TO ADVANCE-AMOUNT.
MOVE ERR-HEADING-4 TO ERROR-REPORT-LINE.
PERFORM D900-WRITE-ERROR-LINE
THRU D900-WRITE-ERROR-LINE-EXIT.
D310-MERCHANT-HEADINGS-EXIT.
EXIT.

D320-MERCHANT-DETAIL.
MOVE 'V' TO ARE-MRCH-ERR-DETAIL-WRITTEN.

MOVE CP-CHCK-PHONE TO WS-77-PHONE.
MOVE WS-77-PHONE TO WS-PHONE-NUMBER-IN
MOVE WS-AREA-CODE-IN TO WS-AREA-CODE-OUT
MOVE WS-PHONE-EXCHG-IN TO WS-PHONE-EXCHG-OUT
MOVE WS-PHONE-EXT-IN TO WS-PHONE-EXT-OUT
MOVE WS-PHONE-NUMBER-OUT TO ERR-PHONE-NUMBER
MOVE CP-CHCK-CR-PHONE TO ERR-CRP
MOVE CP-MRCH-NAME TO ERR-MERCHANT
MOVE CP-ACCT-NBR TO ERR-ACCOUNT-NUMBER
MOVE CP-MRCH-AMT TO ERR-AMOUNT

001916	04/14/91
001917	04/14/91
001918	04/14/91
001919	04/14/91
001920	04/14/91
001921	04/14/91
001922	04/14/91
001923	04/14/91
001924	04/14/91
001925	04/14/91
001926	04/14/91
001927	04/14/91
001928	04/14/91
001929	04/14/91
001930	04/14/91
001931	04/14/91
001932	04/14/91
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001936	04/14/91
001937	04/14/91
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001941	04/14/91
001942	04/14/91
001943	04/14/91
001944	04/14/91
001945	04/14/91
001946	04/14/91
001947	04/14/91
001948	04/14/91
001949	04/14/91
001950	04/14/91
001951	04/14/91
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001954	04/14/91
001955	04/14/91
001956	04/14/91
001957	04/14/91
001958	04/14/91
001959	04/14/91
001960	04/14/91
001961	04/14/91
001962	04/14/91
001963	04/14/91
001964	04/14/91
001965	04/14/91
001966	04/14/91

IF CP-PAY-TYPE = 'F' OR CP-PAY-TYPE = 'V'
 MOVE CP-PAY-TYPE TO ERR-PAYMENT-TYPE-1
 MOVE SPACES TO ERR-PAYMENT-TYPE-2
 ELSE
 MOVE 'V' TO ERR-PAYMENT-TYPE-1
 MOVE CP-PAY-TYPE TO ERR-PAYMENT-TYPE-2.

MOVE CP-MRCH-PAY-DATE TO WS-77-DATE.
 MOVE WS-77-DATE TO WS-DATE-YMD
 MOVE WS-Y-YMD TO WS-Y-MDY-SLASHES
 MOVE WS-M-YMD TO WS-M-MDY-SLASHES
 MOVE WS-D-YMD TO WS-D-MDY-SLASHES
 MOVE WS-DATE-MDY-WITH-SLASHES TO ERR-PAY-DATE.

MOVE SPACES TO ERROR-REPORT-LINE.

MOVE ' ' TO CC-LINE

MOVE 1 TO ADVANCE-AMOUNT.

MOVE ERR-DETAIL-2 TO ERROR-REPORT-LINE.

PERFORM D900-WRITE-ERROR-LINE

THRU D900-WRITE-ERROR-LINE-EXIT.

ADD CP-MRCH-AMT TO WS-TOT-ERR-DOLLARS.

ADD 1 TO WS-TOT-ERR-ITEMS.

D320-MERCHANT-DETAIL-EXIT.

EXIT.

D400-TOTAL-BREAK.

ADD WS-TOT-ERR-DOLLARS TO WS-GND-TOT-ERR-DOLLARS.

ADD WS-TOT-ERR-ITEMS TO WS-GND-TOT-ERR-ITEMS.

MOVE WS-TOT-ERR-ITEMS TO TOT-ERR-ITEMS.

MOVE WS-TOT-ERR-DOLLARS TO TOT-ERR-DOLLARS.

MOVE SPACES TO ERROR-REPORT-LINE.

MOVE '0' TO CC-LINE

MOVE 2 TO ADVANCE-AMOUNT.

MOVE TOT-ERR-DETAIL TO ERROR-REPORT-LINE.

PERFORM D900-WRITE-ERROR-LINE

THRU D900-WRITE-ERROR-LINE-EXIT.

MOVE SPACES TO ERROR-REPORT-LINE.

MOVE '0' TO CC-LINE

MOVE 2 TO ADVANCE-AMOUNT.

PERFORM D900-WRITE-ERROR-LINE

THRU D900-WRITE-ERROR-LINE-EXIT.

MOVE ZEROS TO WS-TOT-ERR-ITEMS

WS-TOT-ERR-DOLLARS.

D400-TOTAL-BREAK-EXIT.

EXIT.

D000-WRITE-ERROR-PAGE.

MOVE 0 TO WS-TOTAL-ERROR-LINES.

MOVE '1' TO CC-LINE.

001967	04/14/91
001968	04/14/91
001969	04/14/91
001970	04/14/91
001971	04/14/91
001972	04/14/91
001973	04/14/91
001974	04/14/91
001975	04/14/91
001976	04/14/91
001977	04/14/91
001978	04/14/91
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002000	04/14/91
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002010	04/14/91
002011	04/14/91
002012	04/14/91
002013	04/14/91
002014	04/14/91
002015	04/14/91
002016	04/14/91
002017	04/14/91

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03/13/91

MOVE ERROR-REPORT-LINE TO JUNK-LINE.
MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.
WRITE ERROR-REPORT-LINE FROM WS-PRINT-LINE
ADD 1 TO WS-TOTAL-ERROR-LINES.
D000-WRITE-ERROR-PAGE-EXIT.
EXIT.

D900-WRITE-ERROR-LINE.
MOVE ERROR-REPORT-LINE TO JUNK-LINE.
MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.
WRITE ERROR-REPORT-LINE FROM WS-PRINT-LINE
ADD ADVANCE-AMOUNT TO WS-TOTAL-ERROR-LINES.
D900-WRITE-ERROR-LINE-EXIT.
EXIT.

* THE FOLLOWING MODULES EXTRACT INFORMATION FROM THESE TWO FILE *
* T001_CONSUMER_FILE AND P0_MERCHANT_MASTER.FILE *

E100-GET-CONSUMER-INFO.
MOVE *SELECT FROM T001 IN PARAGRAPH E100.
TO STEP-DENOTER.
MOVE *N* TO ARE-CONS-ERR-DETAIL-WRITTEN.
MOVE *N* TO ARE-CONS-RO-DETAIL-WRITTEN.
EXEC SQL SELECT

CF_SSN,
CF_CHK_ID,
CF_LAST_NAME,
CF_FIRST_NAME,
CF_MID INIT,
CF_ADDRESS1,
CF_ADDRESS2,
CF_CITY,
CF_STATE,
CF_ZIP,
CF_ZIP_4,
CF_ROUTE_TRANS,
CF_ACCT_NBR,
CF_PAPR_RT_TRANS,
CF_PAPR_ACCT_NBR,
CF_CCARD_NBR,
CF_CCARD_EXP_DATE,
CF_MAIDEN_NAME,
CF_DECLINE_STATUS,
CF_STATUS,
CF_VIP_STATUS,
CF_VIP_STATUS2,
CF_LAST_TRANS_DATE,

002018 03/15/91
002019 03/15/91
002020 10/31/90
002021
002022
002023
002024
002025
002026
002027 03/15/91
002028 03/15/91
002029 10/31/90
002030
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04/20/91
04/20/91
02/10/91

CF_CREDIT_LIMIT,
CF_CHECK_LIMIT,
CF_CF_MTH_ITEMS,
CF_CF_MTH_BAL,
CF_CF_YTD_ITEMS,
CF_CF_YTD_BAL,
CF_TOT_MTH_ITEMS,
CF_TOT_MTH_BAL,
CF_TOT_YTD_ITEMS,
CF_TOT_YTD_BAL,
CF_FREE_FLAG,
CF_NBR_FREE,
CF_FEE_MATRIX,
CF_PRENOTE_DATE,
CF_EFT_CODE,
CF_BANK_NAME,
CF_CHECK_SAVE,
CF_RESET_PRENOTE

INTO

:CF-SSN,
:CF-CHECK-ID,
:CF-LAST-NAME,
:CF-FIRST-NAME,
:CF-MID-INIT,
:CF-ADDRESS1,
:CF-ADDRESS2,
:CF-CITY,
:CF-STATE,
:CF-ZIP,
:CF-ROUTE-TRANS,
:CF-ROUTE-TRANS,
:CF-ROUTE-TRANS,
:CF-PAPR-RT-TRANS,
:CF-PAPR-ACCT-NBR,
:CF-CCARD-NBR,
:CF-CCARD-EXP-DATE,
:CF-MAIDEN-NAME,
:CF-DECLINE-STATUS,
:CF-STATUS,
:CF-VIP-STATUS,
:CF-VIP-STATUS2,
:CF-LAST-TRANS-DATE,
:CF-CREDIT-LIMIT,
:CF-CHECK-LIMIT,
:CF-CF-MTH_ITEMS,
:CF-CF-MTH_BAL,
:CF-CF-YTD_ITEMS,
:CF-CF-YTD_BAL,
:CF-TOT-MTH_ITEMS,
:CF-TOT-MTH_BAL,
:CF-TOT-YTD_ITEMS,

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04/20/91
04/20/91

02/10/91

PERFORM D200-CONSUMER-ERROR-LINE
THRU D200-CONSUMER-ERROR-LINE-EXIT.

IF CF-VIP-STATUS = 'N' AND

CF-VIP-STATUS2 = '14'

MOVE 'Y' TO PAY-BY-PHONE-SM

ELSE

MOVE 'N' TO PAY-BY-PHONE-SM.

E100-GET-CONSUMER-INFO-EXIT.

EXIT.

E200-GET-MERCHANT-INFO.

MOVE 'E200-GET-MERCHANT-INFO' TO STEP-DENOTER.

MOVE 'N' TO ARE-MRCH-ERR-DETAIL-WRITTEN.

MOVE CP-MRCH-PHONE TO WS-77-PHONE.

MOVE WS-77-PHONE TO MMR-PHONE.

MOVE CP-MRCH-CR-PHONE TO WS-77-CR-PHONE.

MOVE WS-77-CR-PHONE TO MMR-CR-PHONE.

READ MERCHANT-FILE.

IF MMR-STAT = '00'

NEXT SENTENCE

ELSE

MOVE 'V' TO IS-RECORD-IN-ERROR

IF CONS-ERR-DETAIL-NOT-WRITTEN

MOVE ' ' TO WS-ERR-MESSAGE

PERFORM D200-CONSUMER-ERROR-LINE

THRU D200-CONSUMER-ERROR-LINE-EXIT

MOVE 'NOT ON MERCHANT FILE' TO ERR-MESSAGE-2,

WS-ERR-MESSAGE

PERFORM D300-MERCHANT-ERROR-LINE

THRU D300-MERCHANT-ERROR-LINE-EXIT

ELSE

MOVE 'NOT ON MERCHANT FILE' TO ERR-MESSAGE-2,

WS-ERR-MESSAGE

PERFORM D300-MERCHANT-ERROR-LINE

THRU D300-MERCHANT-ERROR-LINE-EXIT.

IF CONSUMER-IN-ERROR

MOVE 'V' TO IS-RECORD-IN-ERROR

MOVE 'CONSUMER RECORD IN ERROR' TO ERR-MESSAGE-2,

WS-ERR-MESSAGE

PERFORM D300-MERCHANT-ERROR-LINE

THRU D300-MERCHANT-ERROR-LINE-EXIT

MOVE 'CANNOT PROCESS THIS PAYMENT' TO ERR-MESSAGE-2,

WS-ERR-MESSAGE

PERFORM D300-MERCHANT-ERROR-LINE

THRU D300-MERCHANT-ERROR-LINE-EXIT.

002171	02/10/91
002172	
002173	
002174	02/10/91
002175	02/10/91
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002193	
002194	
002195	03/13/91
002196	
002197	
002198	
002199	
002200	
002201	
002202	04/14/91
002203	04/14/91
002204	
002205	
002206	
002207	04/14/91
002208	04/14/91
002209	
002210	
002211	
002212	
002213	04/14/91
002214	04/14/91
002215	04/14/91
002216	
002217	
002218	04/14/91
002219	04/14/91
002220	
002221	


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MOVE 'N' TO STLCODE-IN-TABLE-SW.
IF MMR-STAT NOT = '00'
    NEXT SENTENCE
ELSE
    IF MMR-ROUTE-SETTLE EQUAL '01'
        OR MMR-ROUTE-SETTLE EQUAL '02'
        OR MMR-ROUTE-SETTLE EQUAL '03'
        OR MMR-ROUTE-SETTLE EQUAL '10'
        OR MMR-ROUTE-SETTLE EQUAL '11'
        OR MMR-ROUTE-SETTLE EQUAL '12'
        NEXT SENTENCE
    ELSE
        PERFORM F110-LOCATE-STLCODE-INDEX
        THRU F110-LOCATE-STLCODE-INDEX-EXIT
        IF STLCODE-IN-TABLE
            NEXT SENTENCE
        ELSE
            MOVE '01' TO MMR-ROUTE-SETTLE.
        IF MMR-PRENOTE-RESET > SQL-DRAFT-DATE
            IF MMR-ROUTE-SETTLE = '10'
                MOVE '01' TO MMR-ROUTE-SETTLE
            ELSE
                IF MMR-ROUTE-SETTLE = '11'
                    MOVE '02' TO MMR-ROUTE-SETTLE
                ELSE
                    IF MMR-ROUTE-SETTLE = '12'
                        MOVE '03' TO MMR-ROUTE-SETTLE.
        EXIT.
E200-GET-MERCHANT-INFO-EXIT.

E300-CHECK-PRENOTE.
IF CP-PRENOTE-RESET > SQL-DRAFT-DATE OR
CP-ACCT-SCHEME NOT = 'V'
    IF MMR-ROUTE-SETTLE = '01'
        NEXT SENTENCE
    ELSE
        IF MMR-ROUTE-SETTLE = '02'
            NEXT SENTENCE
        ELSE
            IF MMR-ROUTE-SETTLE = '03'
                NEXT SENTENCE
            ELSE
                IF MMR-ROUTE-SETTLE = '10'
                    MOVE '01' TO MMR-ROUTE-SETTLE
                ELSE
                    IF MMR-ROUTE-SETTLE = '11'
                        MOVE '02' TO MMR-ROUTE-SETTLE

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002222 05/25/91
002223 05/13/91
002224 05/13/91
002225 05/13/91
002226 05/25/91
002227 05/25/91
002228 05/25/91
002229 05/25/91
002230 05/25/91
002231 05/25/91
002232 05/25/91
002233 05/25/91
002234 05/25/91
002235 05/25/91
002236 05/25/91
002237 05/25/91
002238 05/25/91
002239 05/25/91
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ELSE
  IF MMR-ROUTE-SETTLE = '12'
    MOVE '03' TO MMR-ROUTE-SETTLE
  ELSE
    MOVE '01' TO MMR-ROUTE-SETTLE.

```

E300-CHECK-PRENOTE-EXIT.
EXIT.

 * THE FOLLOWING MODULE CHECKS FOR PAYMENT ROLLOVER AND MOVES *
 * THOSE VALUES TO PROPER FIELDS IN TABLE T002_CONSUMER_PAY *

F100-ROLLOVER-ROUTINE.

* MOVE CURRENT VALUES FOR THESE FIELDS TO THE OUTPUT REPORT
 * BEFORE THEY ARE ROLLED FORWARD.

```

MOVE CP-MRCH-AMT TO WS-77-AMOUNT.
MOVE WS-77-AMOUNT TO WS-77-HOLD-PAY-AMOUNT.
MOVE CP-MRCH-PAY-DATE TO WS-77-DATE.
MOVE WS-77-DATE TO WS-77-HOLD-PAY-DATE.
MOVE WS-77-DATE TO WS-DATE-YMD.
MOVE WS-M-YMD TO WS-M-NDY-SLASHES
MOVE WS-D-YMD TO WS-D-NDY-SLASHES
MOVE WS-Y-YMD TO WS-Y-NDY-SLASHES
MOVE WS-DATE-NDY-WITH-SLASHES TO RO-PAY-DATE.

```

```

MOVE ZEROS TO DATE-MMDYYVY
MOVE ZEROS TO DATE-VYVYDDO
MOVE ZEROS TO DATE-RED-1
MOVE ZEROS TO DATE-RED-2
MOVE ZEROS TO DATE-RED-3
MOVE ZEROS TO DATE-MMDYYV

```

```

IF PAY-BY-PHONE
  MOVE CP-MRCH-AMT TO DRAFT-LAST-AMT
  MOVE CP-MRCH-PAY-DATE TO DRAFT-LAST-DATE.

```

***** ROLL PAYMENT DATE FORWARD.
 IF (CP-MRCH-REMAIN > 0

OR
 CP-MRCH-REMAIN = -1)

```

AND
  CP-PAY-TYPE = 'F'
  MOVE CP-MRCH-PAY-DATE TO WS-77-DATE
  MOVE WS-77-DATE TO WS-DATE-YMD
  MOVE WS-M-YMD TO HOLD-M-FFMMDYYV
  MOVE WS-D-YMD TO HOLD-D-FFMMDYYV

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***** MOVE ROLLOVER VALUES TO DETAIL REPORT.
***** MOVE SPACES TO RO-EXTRA-PAYMENT.

F100-ROLLOVER-ROUTINE-EXIT.
EXIT.

IF THE SETTLEMENT CODE IS NOT ONE OF THE HARDCODED ONES,
'01','02','03','10','11','12', THEN LOOK IN THE TABLE
TO FIND IT. IF THE TABLE ENTRY IS FOUND, THEN THE
STLCODE-IN-TABLE WILL BE TRUE AND THE INDEX WILL POINT TO
THE PROPER ENTRY.
NOTE: THE SEARCH LOOKS UNTIL END OF TABLE OR WE HAVE
GONE BEYOND THE SETTLEMENT CODE WE ARE LOOKING FOR.

F110-LOCATE-STLCODE-INDEX.
SET TFR-IDX TO 1.
PERFORM
UNTIL TFR-IDX GREATER THAN TRAFREE-TBL-ENTRIES
OR TFR-TBL-SC-CODE (TFR-IDX) EQUAL NMR-ROUTE-SETTLE
OR TFR-TBL-SC-CODE (TFR-IDX) GREATER THAN NMR-ROUTE-SETTLE
SET TFR-IDX UP BY 1
END-PERFORM.
IF TFR-IDX GREATER THAN TRAFREE-TBL-ENTRIES
MOVE 'N' TO STLCODE-IN-TABLE-SV
ELSE
IF TFR-TBL-SC-CODE (TFR-IDX) EQUAL NMR-ROUTE-SETTLE
MOVE 'Y' TO STLCODE-IN-TABLE-SV
ELSE
MOVE 'N' TO STLCODE-IN-TABLE-SV.
F110-LOCATE-STLCODE-INDEX-EXIT.
EXIT.

THE FOLLOWING MODULE CHECKS CP-CHG-DATE TO SEE IF A DAY VALUE
HAS BEEN STORED THERE BY PDL0010. IF THERE, THE NUMBER IS
THE CUSTOMER'S CHOSEN DRAFT DAY UNCORRUPTED BY ROLLING FROM
MONTH TO MONTH.

F115-CHECK-MONTH-END.
IF CP-PAY-FREQ = 'D' OR 'W'.
NO CHANGES FOR WEEKLY TYPE PAYMENTS
GO TO F115-CHECK-MONTH-END-EXIT
END-IF
IF CP-CHG-DATE = 29 OR 30 OR 31
MOVE CP-CHG-DATE TO DATE-BD
MOVE DATE-MDDVVVY TO DATE-EOM
MOVE DATE-N-EOM TO DATE-M
MOVE DATE-D-EOM TO DATE-D

002375	04/14/91
002376	
002377	
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002381	05/25/91
002382	05/25/91
002383	05/25/91
002384	05/25/91
002385	05/25/91
002386	05/25/91
002387	05/25/91
002388	05/25/91
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002401	05/25/91
002402	05/25/91
002403	05/25/91
002404	05/25/91
002405	05/25/91
002406	05/25/91
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002414	
002415	06/05/91
002416	06/05/91
002417	06/05/91
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002421	06/05/91
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MOVE DATE-Y-EDM TO DATE-Y
PERFORM END-OF-MONTH THRU
END-OF-MONTH-EXIT
MOVE DATE-M TO DATE-M-EDM
MOVE DATE-D TO DATE-D-EDM
MOVE DATE-Y TO DATE-Y-EDM
MOVE DATE-EDM TO DATE-MDDYYYY.

F115-CHECK-MONTH-END-EXIT.
EXIT.

* THE FOLLOWING MODULE GETS THE CORRECT VALUES TO BE PASSED THE *
* DATE ROUTINES FOR FUTURE DATE CALCULATIONS. *

F120-GET-ROLL-VALUES.

IF CP-PAY-FREQ = 'A'
MOVE 'M' TO DATE-PERIOD
MOVE 12 TO DATE-FREQ.
IF CP-PAY-FREQ = 'Q'
MOVE 'D' TO DATE-PERIOD
MOVE 14 TO DATE-FREQ.
IF CP-PAY-FREQ = 'M'
MOVE 'M' TO DATE-PERIOD
MOVE 1 TO DATE-FREQ.
IF CP-PAY-FREQ = 'Q'
MOVE 'M' TO DATE-PERIOD
MOVE 3 TO DATE-FREQ.
IF CP-PAY-FREQ = 'S'
MOVE 'M' TO DATE-PERIOD
MOVE 6 TO DATE-FREQ.
IF CP-PAY-FREQ = 'T'
MOVE 'M' TO DATE-PERIOD
MOVE 4 TO DATE-FREQ.
IF CP-PAY-FREQ = 'W'
MOVE 'D' TO DATE-PERIOD
MOVE 7 TO DATE-FREQ.
F120-GET-ROLL-VALUES-EXIT.
EXIT.

* THE FOLLOWING MODULES CREATE THE CREDIT AND DEBITS RECORDS *
* AND LOADS THEM INTO THE TRANHOLD. *

G100-TRANHOLD-RECORD.
ADD WS-77-HOLD-PAY-AMOUNT TO CF-TOT-MTH-BAL,
CF-TOT-VTD-BAL,
TFR-COL-TOT-DOLLARS,

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05/25/91

IFR-RMT-TOT-DOLLARS.
ADD 1 TO CF-TOT-MTH-ITEMS,
CF-TOT-YTD-ITEMS,
IFR-COL-TOT-ITEMS,
IFR-RMT-TOT-ITEMS.

EVALUATE TRUE
WHEN MMR-CREDIT-LIMIT NOT NUMERIC
MOVE 50.01 TO WS-CREDIT-LIMIT
WHEN MMR-CREDIT-LIMIT < 51
MOVE 50.01 TO WS-CREDIT-LIMIT
WHEN OTHER
COMPUTE WS-CREDIT-LIMIT = MMR-CREDIT-LIMIT + .01
END-EVALUATE

*** NOTES FOR THIS SECTION.
*** IF THE CF-STATUS IS A 'P' THEN THIS IS A PRENOTE ITEM
*** AND ANY NOTIFICATIONS CREATED FOR PRENOTES NEED TO BE
*** PAPER ITEMS.
*** IF THE CF-STATUS IS NOT A 'P' THEN IT MUST BE AN 'A'.
*** IN WHICH CASE THIS IS GOING TO BE A CONSUMER DEBIT.
*** ON CONSUMER DEBITS IF THE EFT CODE IS 'P' AND THE DEBIT
*** AMOUNT IS LESS THEN THE CHECK LIMIT AND THE DEBIT AMOUNT
*** PLUS THE CURRENT MONTH TO DATE BALANCE IS LESS THEN THE
*** CREDIT LIMIT THIS ITEM WILL BE PAID THRU CHECKFREE
*** VIA SETTLEMENT CHECK.
*** IF THE ITEM IS NOT WITHIN THESE LIMITS THEN THE ITEM
*** WILL BE PAID VIA PAPER CHECK PAYABLE THRU CONSUMER.
*** IF THE EFT CODE IS 'E' AND THE DEBIT AMOUNT IS LESS THEN THE
*** CHECK LIMIT AND THE DEBIT AMOUNT PLUS THE CURRENT MONTH TO
*** DATE BALANCE IS LESS THEN THE CREDIT LIMIT THIS ITEM
*** WILL BE PAID VIA ACH.
*** IF THE ITEM IS NOT WITHIN THESE LIMITS THEN THE ITEM
*** WILL BE PAID VIA PAPER CHECK PAYABLE THRU CONSUMER.

IF CF-STATUS = 'P'
OR
(CF-RESET-PRENOTE > 0
AND
WS-77-HOLD-PAY-DATE < CF-RESET-PRENOTE)
PERFORM G130-PAPER-ITEMS
THRU G130-PAPER-ITEMS-EXIT

ELSE
*** IF THE EFT IS A 'P' CREATE A PAPER CHECK REGARDLESS OF
*** THE AMOUNT. THIS IS BEING DONE BECAUSE WE DON'T CURRENTLY
*** HAVE AN EXTRACT PROGRAM TO CREATE PAYABLE THRU CHECKFREE
*** CHECKS.
*** IF CF-EFT-CODE = 'P'
*** PERFORM G130-PAPER-ITEMS
*** THRU G130-PAPER-ITEMS-EXIT

002477 05/25/91
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002480 05/25/91
002481 05/25/91
002482
002483 01/02/91
002484 01/02/91
002485 01/02/91
002486 01/02/91
002487 01/02/91
002488 01/02/91
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002490 01/02/91
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ELSE
  IF CF-EFT-CODE = 'E' OR 'B'
    IF NMR-MC-ACCT-SCHEME-CHECK = 'V' AND
      (CP-ACCT-SCHEME = 'R' OR
       CP-ACCT-SCHEME = 'N')
      PERFORM G130-PAPER-ITEMS
      THRU G130-PAPER-ITEMS-EXIT
    ELSE
      IF WS-77-HOLD-PAY-AMOUNT < WS-CREDIT-LIMIT AND
        CF-CHECK-LIMIT > ZEROS
        PERFORM G140-ACH-ITEMS
        THRU G140-ACH-ITEMS-EXIT
      ELSE
        IF WS-77-HOLD-PAY-AMOUNT < CF-CHECK-LIMIT
          OR = CF-CHECK-LIMIT
          ADD WS-77-HOLD-PAY-AMOUNT TO CF-CF-MTH-BAL
          IF CF-CF-MTH-BAL < CF-CREDIT-LIMIT
            OR = CF-CREDIT-LIMIT
            PERFORM G140-ACH-ITEMS
            THRU G140-ACH-ITEMS-EXIT
          ELSE
            SUBTRACT WS-77-HOLD-PAY-AMOUNT
              FROM CF-CF-MTH-BAL
            PERFORM G130-PAPER-ITEMS
            THRU G130-PAPER-ITEMS-EXIT
          ELSE
            PERFORM G130-PAPER-ITEMS
            THRU G130-PAPER-ITEMS-EXIT.
        ELSE
          MOVE 2 TO PDR-DB-CR-CODE.
          MOVE '2' TO PDR-STATUS.
          MOVE CP-NRCH-PHONE TO PDR-NRCH-PHONE.
          MOVE CP-NRCH-CR-PHONE TO PDR-NRCH-CR-PHONE.
          MOVE NMR-REMIT-ADDR1 TO PDR-NRCH-ADDR1.
          MOVE NMR-REMIT-ADDR2 TO PDR-NRCH-ADDR2.
          MOVE NMR-REMIT-CITY TO PDR-NRCH-CITY.
          MOVE NMR-REMIT-ST TO PDR-NRCH-STATE.
          MOVE NMR-REMIT-ZIP TO PDR-NRCH-ZIP.
          MOVE NMR-ROUTE-SETTLE TO PDR-NRCH-SETTLE.
          MOVE CP-SSN TO PDR-CUST-SSN.
          MOVE CF-FIRST-NAME TO PDR-FIRST-NAME.
          MOVE CF-LAST-NAME TO PDR-LAST-NAME.
          MOVE CF-MID-INIT TO PDR-MID-INIT.
          MOVE CP-ACCT-NBR TO PDR-CUST-ACCT.
          PERFORM CHECK-EFT-CODE THRU CHECK-EXIT.
          MOVE CF-CHECK-SAVE TO PDR-CHECK-SAVE.
          MOVE WS-77-HOLD-PAY-DATE TO PDR-PROC-DATE.
          MOVE WS-77-HOLD-PAY-AMOUNT TO PDR-AMT.
          MOVE 'PAYMENT' TO PDR-DESCRIPTION.

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002528
002529 04/20/91
002530 10/31/90
002531 10/31/90
002532 10/31/90
002533 10/31/90
002534 10/31/90
002535 10/31/90
002536 01/02/91
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MOVE WS-TRACE-NBR TO WS-77-TRACE-NBR.
 MOVE WS-77-TRACE-NBR TO PDR-JUL-DATE.
 MOVE 'C' TO PDR-TRANFREE.
 MOVE SPACES TO PDR-ORIGIN.
 MOVE PDR-JUL-DATE TO TRACKING-JULIAN-DATE.
 PERFORM TRACKING-NBR-CALC
 THRU TRACKING-NBR-CALC-EXIT.
 MOVE TRACKING-NBR-ENC TO PDR-TRACK-NBR.

PERFORM G150-WRITE-HISTORY
 THRU G150-WRITE-HISTORY-EXIT.

PERFORM G900-WRITE-TRANHOLD
 THRU G900-WRITE-TRANHOLD-EXIT.
 IF RO-METHOD = 'A' OR 'C'.

PERFORM G200-CREATE-HRCH-CREDIT
 THRU G200-CREATE-HRCH-CREDIT-EXIT
 ELSE

GO TO G100-TRANHOLD-RECORD-EXIT.
 G100-TRANHOLD-RECORD-EXIT.
 EXIT.

G120-CHECK-ITEMS.

 *** SETTLEMENT CHECK PAYABLE THRU CHECKFREE.

ADD 1 TO TFR-COL-CWK-ITEMS
 CF-CF-MTH-ITEMS
 CF-CF-YTD-ITEMS.
 ADD WS-77-HOLD-PAY-AMOUNT TO
 TFR-COL-CWK-DOLLARS
 CF-CF-YTD-BAL.
 MOVE HMR-ABRV TO PDR-HRCH-ABRV.

 *** CNP-METH-PAY SHOULD BE SAME AS PDR-HRCH-SETTLE UNLESS
 *** A PAPER DRAFT IS BEING CREATED, THEN IT SHOULD BE '99'.

MOVE HMR-ROUTE-SETTLE TO CNP-METH-PAY.

MOVE 'P' TO PDR-MODIFIER.
 MOVE 'C' TO RO-METHOD.

G120-CHECK-ITEMS-EXIT.
 EXIT.

G130-PAPER-ITEMS.

 *** PAPER CHECK PAYABLE THRU CONSUMER.
 *** ALSO KNOWN AS A PAPER DRAFT.

ADD 1 TO TFR-COL-PFR-ITEMS

002579	
002580	
002581	
002582	05/25/91
002583	05/25/91
002584	05/25/91
002585	05/25/91
002586	05/25/91
002587	03/13/91
002588	
002589	
002590	03/13/91
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002592	
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002602	
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002606	05/25/91
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002610	05/25/91
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002629	05/25/91

MOVE PDR-MRCH-PHONE TO CHP-CROSS-R-PHONE.
MOVE PDR-MRCH-CR-PHONE TO CHP-CRCK-CR-PHONE.
MOVE PDR-LAST-NAME TO CHP-LAST-NAME.
MOVE PDR-FIRST-NAME TO CHP-FIRST-NAME.
MOVE PDR-MID-INIT TO CHP-MID-INIT.
MOVE PDR-MRCH-PHONE TO CHP-MRCH-PHONE.
MOVE PDR-MRCH-CR-PHONE TO CHP-MRCH-CR-PHONE.
MOVE PDR-NAME TO CHP-MRCH-NAME.
MOVE PDR-ANT TO CHP-MRCH-ANT.
MOVE PDR-PROC-DATE TO CHP-PAY-DATE.
MOVE PDR-CUST-ACCT TO CHP-ACCT-NBR.
MOVE PDR-JUL-DATE TO CHP-JUL-DATE
MOVE ZEROS TO CHP-CHECK-NBR
CHP-RTN-DATE.
MOVE SPACES TO CHP-RTN-REASON
CHP-RTN-STATUS
CHP-RTN-COMMENT.
MOVE CP-LAST-TRANS-DATE TO CHP-1ST-TRANS-DATE.
MOVE PDR-TRACK-NBR TO CHP-TRACK-NBR.
MOVE * INSERT INTO 1006 IN PARAGRAPH 0150.
TO STEP-DENOTER.

EXEC SQL INSERT
INTO 1006 CONS_HIST_PAY

(CHP_SSN,
CHP_CROSS_R_PHONE,
CHP_CHK_CR_PHONE,
CHP_LAST_NAME,
CHP_FIRST_NAME,
CHP_MID_INIT,
CHP_MRCH_PHONE,
CHP_MRCH_CR_PHONE,
CHP_MRCH_NAME,
CHP_MRCH_AMT,
CHP_PAY DATE,
CHP_METH_PAY,
CHP_ACT_NBR,
CHP_JUL DATE,
CHP_CHECK_NBR,
CHP_RTN DATE,
CHP_RTN_REASON,
CHP_RTN_STATUS,
CHP_RTN_COMMENT,
CHP_1ST_TRANS DATE,
CHP_TRACK_NBR)

VALUES

(:CHP_SSN,
:CHP-CROSS-R-PHONE,
:CHP-CHK-CR-PHONE,
:CHP-LAST-NAME,
:CHP-FIRST-NAME,
:CHP-MID-NAME,

002601	05/25/91
002602	
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002693	
002694	
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002724	05/25/91
002725	05/25/91
002726	
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002729	
002730	
002731	

```

:CHP-MID-INIT,
:CHP-MRCH-PHONE,
:CHP-MRCH-CR-PHONE,
:CHP-MRCH-NAME,
:CHP-MRCH-AMT,
:CHP-PAY-DATE,
:CHP-METH-PAY,
:CHP-ACCT-NBR,
:CHP-JUL-DATE,
:CHP-CHECK-NBR,
:CHP-RTN-DATE,
:CHP-RTN-REASON,
:CHP-RTN-STATUS,
:CHP-RTN-COMMENT,
:CHP-LST-TRANS-DATE,
:CHP-TRACK-NBR)

END-EXEC.
G150-WRITE-HISTORY-EXIT.
EXIT.

```

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```

G200-CREATE-MRCH-CREDIT.

```

MOVE 1 TO PDR-DB-CR-CODE.
MOVE '1' TO PDR-STATUS
IF NMR-ROUTE-SETTLE = '01' OR '02' OR '03'
MOVE 'S' TO PDR-MODIFIER
MOVE NMR-NAME TO PDR-MRCH-ABRV
PERFORM CHECK-EFT-CODE THRU CHECK-EXIT
ADD 1 TO

```

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04/20/91
002759
002760
002761
002762
002763
002764
002765
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```

```

TFR-RMT-CHK-ITEMS
ADD WS-77-HOLD-PAY-AMOUNT TO
TFR-RMT-CHK-DOLLARS
MOVE '9500000000' TO PDR-COMPANY-NBR
ELSE

```

```

05/25/91
002761
002762
002763
002764
002765
002766
002767
002768
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002771
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```

```

MOVE NMR-MC-MERCHANT-ID TO PDR-COMPANY-NBR
MOVE NMR-ABRV TO PDR-MRCH-ABRV
MOVE NMR-BANK-ACCT TO PDR-ACCT-NBR
MOVE NMR-RT-NBR TO PDR-ROUTE-TRANS
IF STLCODE-IN-TABLE

```

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05/25/91
002770
002771
002772
002773
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```

```

IF NMR-ROUTE-SETTLE = '13'
MOVE 'M' TO PDR-MODIFIER
ADD 1 TO
TFR-TBL-SC-ITEMS (TFR-IDX)
ADD WS-77-HOLD-PAY-AMOUNT TO
TFR-TBL-SC-DOLLARS (TFR-IDX)
ELSE

```

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05/25/91
002770
002771
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```

MOVE 'R' TO PDR-MODIFIER
ADD 1 TO
TFR-TBL-SC-ITEMS (TFR-IDX)
ADD WS-77-HOLD-PAY-AMOUNT TO
TFR-TBL-SC-DOLLARS (TFR-IDX)

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05/25/91
002770
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```

END-IF
ELSE
  ADD 1 TO
    TFR-RMT-ACH-ITEMS
  ADD WS-77-HOLD-PAY-AMOUNT TO
    TFR-RMT-ACH-DOLLARS
  IF NIGHT-ACH
    MOVE 'E' TO PDR-MODIFIER
  ELSE
    MOVE 'B' TO PDR-MODIFIER
  END-IF
END-IF.
END-IF.

```

```

MOVE CP-NRCH-PHONE TO PDR-NRCH-PHONE
MOVE CP-NRCH-CR-PHONE TO PDR-NRCH-CR-PHONE
MOVE HMR-REMIT-ADDR1 TO PDR-NRCH-ADDR1
MOVE HMR-REMIT-ADDR2 TO PDR-NRCH-ADDR2
MOVE HMR-REMIT-CITY TO PDR-NRCH-CITY
MOVE HMR-REMIT-ST TO PDR-NRCH-STATE
MOVE HMR-REMIT-ZIP TO PDR-NRCH-ZIP
MOVE HMR-ROUTE-SETTLE TO PDR-NRCH-SETTLE
MOVE CP-SSN TO PDR-CUST-SSN
MOVE CF-FIRST-NAME TO PDR-FIRST-NAME
MOVE CF-LAST-NAME TO PDR-LAST-NAME
MOVE CF-MID-INIT TO PDR-MID-INIT
MOVE CP-ACCT-NBR TO PDR-CUST-ACCT
MOVE 'C' TO PDR-CHECK-SAVE
MOVE WS-77-HOLD-PAY-DATE TO PDR-PROC-DATE
MOVE WS-77-HOLD-PAY-AMOUNT TO PDR-AMT
MOVE 'PAYMENT' TO PDR-DESCRIPTION
MOVE WS-TRACE-NBR TO WS-77-TRACE-NBR.
MOVE WS-77-TRACE-NBR TO PDR-JUL-DATE.
MOVE 'M' TO PDR-TRANSFEE.
MOVE PDR-JUL-DATE TO TRACKING-JULIAN-DATE.
PERFORM TRACKING-NBR-CALC
THRU TRACKING-NBR-CALC-EXIT.
MOVE TRACKING-NBR-ENC TO PDR-TRACK-NBR.
MOVE SPACES TO PDR-ORIGIN.
PERFORM G900-WRITE-TRANHOLD
THRU G900-WRITE-TRANHOLD-EXIT.
G200-CREATE-NRCH-CREDIT-EXIT.
EXIT.

```

```

G900-WRITE-TRANHOLD.
MOVE WS-LAST-COMMIT-COUNT TO PB-DRAFT-COMMIT-KEY
WRITE PB-DRAFT-RECORD.
G900-WRITE-TRANHOLD-EXIT.
EXIT.

```

002703	05/25/91
002704	
002705	
002706	05/25/91
002707	
002708	05/25/91
002709	
002790	
002791	05/25/91
002792	05/25/91
002793	05/25/91
002794	05/25/91
002795	05/25/91
002796	
002797	
002798	
002799	
002800	
002801	
002802	
002803	
002804	
002805	
002806	
002807	
002808	
002809	
002810	
002811	
002812	
002813	
002814	
002815	
002816	
002817	05/25/91
002818	05/25/91
002819	05/25/91
002820	05/25/91
002821	05/25/91
002822	05/25/91
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002830	03/13/91
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002832	
002833	

 * THE FOLLOWING MODULE UPDATES T001_CONSUMER_FILE AND *
 * T002_CONSUMER_PAY WITH NEW PAYMENT INFORMATION AND *
 * PROCESSING TOTAL INFORMATION. *

H100-UPDATE-TABLES.

MOVE 'UPDATE OF T002 IN PARAGRAPH H100.
 TO STEP-DENOTER.

IF CP-PAY-TYPE EQUAL 'F' OR
 CP-PAY-TYPE EQUAL 'V'

IF NOT TEST-PCN

EXEC SQL UPDATE T002_CONSUMER_PAY

SET CP_NRCH_AMT = CP_NRCH_AMT,
 CP_NRCH_PAY_DATE = CP_NRCH_PAY_DATE,
 CP_NBR_REMAIN = CP_NBR_REMAIN,
 CP_CHG_DATE = CP_CHG_DATE,
 CP_CHG_AMT = CP_CHG_AMT,
 WHERE CP_SSN = CP_SSN

AND CP_CHK_PHONE = CP_CHK_PHONE
 AND CP_CHK_CR_PHONE = CP_CHK_CR_PHONE
 AND CP_NRCH_PHONE = CP_NRCH_PHONE
 AND CP_NRCH_CR_PHONE = CP_NRCH_CR_PHONE
 AND CP_PAY_TYPE = CP_PAY_TYPE

END-EXEC
 END-IF

ELSE

MOVE CP-PAY-TYPE TO WS-DEL-PAY-TYPE
 MOVE WS-DELETED-DATE TO RO-EXTRA-PAYMENT
 MOVE 'DELETE FROM T002 IN PARAGRAPH H100.
 TO STEP-DENOTER

IF NOT TEST-PCN
 EXEC SQL DELETE FROM T002_CONSUMER_PAY
 WHERE CP_SSN = CP_SSN

AND CP_CHK_PHONE = CP_CHK_PHONE
 AND CP_CHK_CR_PHONE = CP_CHK_CR_PHONE

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002082

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002084

03/13/91

05/25/91

05/25/91

04/14/91

05/25/91

```

CP_MRCH_PHONE = CP_MRCH_PHONE
AND
CP_MRCH_CR_PHONE = CP_MRCH_CR_PHONE
AND
CP_PAY_TYPE = CP_PAY_TYPE
AND
CP_ACCT_NBR = CP_ACCT_NBR
END-EXEC
END-IF.

```

MOVE 'UPDATE OF 1001 IN PARAGRAPH H100.
TO STEP-DENOTER.

IF NOT TEST-PCN
EXEC SQL UPDATE 1001 CONSUMER_FILE

```

SET CF_CF_MTH_ITEMS = CF-CF-MTH-ITEMS,
CF_CF_MTH_BAL = CF-CF-MTH-BAL,
CF_CF_YTD_ITEMS = CF-CF-YTD-ITEMS,
CF_CF_YTD_BAL = CF-CF-YTD-BAL,
CF_TOT_MTH_ITEMS = CF-TOT-MTH-ITEMS,
CF_TOT_MTH_BAL = CF-TOT-MTH-BAL,
CF_TOT_YTD_ITEMS = CF-TOT-YTD-ITEMS,
CF_TOT_YTD_BAL = CF-TOT-YTD-BAL
WHERE CF_SSN = CF-SSN
AND
CF_CHK_ID = CF-CHK-ID

```

END-EXEC
END-IF.

H100-UPDATE-TABLES-EXIT.
EXIT.

```

*****
* THE FOLLOWING MODULES PRODUCE THE CHECKFREE CREDIT OFFSETS *
* FOR EACH DATE IN THE INTERNAL PAYMENT TABLE THAT HAS ACH *
* ITEMS. *
*****

```

H100-CREDIT-OFFSETS.

```

MOVE ZERO TO ACH-OFFSET-DOLLARS.
ADD TFR-RMT-ACH-DOLLARS TO ACH-OFFSET-DOLLARS.
ADD TFR-RMT-CHK-DOLLARS TO ACH-OFFSET-DOLLARS.
SET TFR-IDX TO 1.
PERFORM
  VARYING TFR-IDX FROM 1 BY 1
  UNTIL TFR-IDX GREATER THAN TRANSFER-TBL-ENTRIES
  ADD TFR-TBL-SC-DOLLARS (TFR-IDX) TO ACH-OFFSET-DOLLARS
END-PERFORM.
IF ACH-OFFSET-DOLLARS GREATER THAN ZERO
  NEXT SENTENCE
ELSE

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002005	05/25/91
002006	
002007	
002008	
002009	
002010	
002011	05/25/91
002012	
002013	05/25/91
002014	
002015	
002016	
002017	
002018	
002019	
002020	
002021	
002022	
002023	05/25/91
002024	05/25/91
002025	05/25/91
002026	05/25/91
002027	05/25/91
002028	05/25/91
002029	05/25/91
002030	05/25/91
002031	05/25/91
002032	05/25/91
002033	05/25/91
002034	05/25/91
002035	

GO TO I100-CREDIT-OFFSETS-EXIT.

MOVE I	TO	PDR-DB-CR-CODE.	002936	05/25/91
MOVE 'I'	TO	PDR-STATUS.	002937	05/25/91
IF NIGHT-ACH			002938	
MOVE 'E'	TO	PDR-MODIFIER	002939	
ELSE			002940	
MOVE 'B'	TO	PDR-MODIFIER.	002941	
MOVE 6148986000	TO	PDR-MRCH-PHONE.	002942	
MOVE 001	TO	PDR-MRCH-CR-PHONE.	002943	
MOVE 'CHECKFREE TECH.'	TO	PDR-MRCH-ABRV.	002944	
MOVE '720 GREENCREST'	TO	PDR-MRCH-ADDR1.	002945	
MOVE SPACES	TO	PDR-MRCH-ADDR2.	002946	
MOVE 'WESTERVILLE'	TO	PDR-MRCH-CITY.	002947	
MOVE 'OH'	TO	PDR-MRCH-STATE.	002948	
MOVE 430810000	TO	PDR-MRCH-ZIP.	002949	
MOVE '14'	TO	PDR-MRCH-SETTLE.	002950	
MOVE ZEROS	TO	PDR-CUST-SSN.	002951	
MOVE 'CHECKFREE'	TO	PDR-FIRST-NAME.	002952	
MOVE 'CREDIT'	TO	PDR-LAST-NAME.	002953	
MOVE SPACE	TO	PDR-MID-INIT.	002954	
MOVE ZEROS	TO	PDR-CUST-ACCT.	002955	
MOVE 044000037	TO	PDR-ROUTE-TRANS.	002956	
MOVE '10-72049'	TO	PDR-ACCT-NBR.	002957	
MOVE 'C'	TO	PDR-CHECK-SAVE.	002958	
MOVE SQL-DRAFT-DATE	TO	PDR-PROC-DATE.	002959	
MOVE ACH-OFFSET-DOLLARS	TO	PDR-AMT.	002960	
MOVE 'CHK CREDIT'	TO	PDR-DESCRIPTION.	002961	05/25/91
MOVE '1357369475'	TO	PDR-COMPANY-NBR.	002962	05/25/91
MOVE WS-TRACE-NBR	TO	WS-77-TRACE-NBR.	002963	
MOVE WS-77-TRACE-NBR	TO	PDR-JUL-DATE.	002964	
MOVE 'N'	TO	PDR-TRANSFEE.	002965	
MOVE PDR-JUL-DATE	TO	TRACKING-JULIAN-DATE.	002966	
PERFORM TRACKING-NDR-CALC			002967	
THRU TRACKING-NDR-CALC-EXIT.			002968	05/25/91
MOVE TRACKING-NDR-ENC	TO	PDR-TRACK-NBR.	002969	05/25/91
MOVE SPACES	TO	PDR-ORIGIN.	002970	05/25/91
PERFORM 6900-WRITE-TRANHOLD			002971	05/25/91
THRU 6900-WRITE-TRANHOLD-EXIT.			002972	05/25/91
I100-CREDIT-OFFSETS-EXIT.			002973	
EXIT.			002974	
			002975	05/25/91
			002976	
			002977	
			002978	
			002979	
			002980	
			002981	
			002982	
			002983	
			002984	
			002985	
			002986	

 * THE FOLLOWING MODULES CREATE THE SUMMARY REPORTS. *

J200-WRITE-GRAND-SUMMARY.
 MOVE 'OVERALL' TO SUM-DRAFT-DATE.
 ADD 1 TO WS-SUMMARY-PAGE-COUNT.
 MOVE WS-SUMMARY-PAGE-COUNT TO SUM-PAGE-NUMBER.

MOVE SPACES TO SUMMARY-REPORT-LINE.	002987	
MOVE SUM-HEADING-1 TO SUMMARY-REPORT-LINE.	002988	
MOVE ' ' TO CC-LINE	002989	05/13/91
MOVE 0 TO ADVANCE-AMOUNT	002990	
PERFORM J800-WRITE-SUM-PAGE	002991	
THRU J800-WRITE-SUM-PAGE-EXIT.	002992	
MOVE SPACES TO SUMMARY-REPORT-LINE.	002993	
MOVE SUM-HEADING-2 TO SUMMARY-REPORT-LINE.	002994	
MOVE ' ' TO CC-LINE	002995	05/13/91
MOVE 1 TO ADVANCE-AMOUNT	002996	
PERFORM J900-WRITE-SUM-LINE	002997	
THRU J900-WRITE-SUM-LINE-EXIT.	002998	
MOVE SPACES TO SUMMARY-REPORT-LINE.	002999	
MOVE SUM-HEADING-3 TO SUMMARY-REPORT-LINE.	003000	
MOVE ' ' TO CC-LINE	003001	05/13/91
MOVE 1 TO ADVANCE-AMOUNT	003002	
PERFORM J900-WRITE-SUM-LINE	003003	
THRU J900-WRITE-SUM-LINE-EXIT.	003004	
MOVE SPACES TO SUMMARY-REPORT-LINE.	003005	
MOVE SUM-HEADING-4 TO SUMMARY-REPORT-LINE.	003006	
MOVE '0' TO CC-LINE	003007	05/13/91
MOVE 2 TO ADVANCE-AMOUNT	003008	
PERFORM J900-WRITE-SUM-LINE	003009	
THRU J900-WRITE-SUM-LINE-EXIT.	003010	
	003011	
WRITE PAPER ITEMS LINE	003012	05/25/91
MOVE SPACES	003013	05/25/91
MOVE 'PAPER'	003014	05/25/91
MOVE 'COLLECTIONS'	003015	05/25/91
MOVE 'FOR'	003016	05/25/91
MOVE TFR-COL-PPR-ITEMS	003017	05/25/91
MOVE TFR-COL-PPR-DOLLARS	003018	05/25/91
MOVE 'PAPER'	003019	05/25/91
MOVE 'REMITTANCES'	003020	05/25/91
MOVE 'FOR'	003021	05/25/91
MOVE TFR-RMT-PPR-ITEMS	003022	05/25/91
MOVE TFR-RMT-PPR-DOLLARS	003023	05/25/91
MOVE SUM-DETAIL	003024	05/25/91
MOVE '0'	003025	05/25/91
MOVE 2	003026	05/25/91
PERFORM J900-WRITE-SUM-LINE	003027	
THRU J900-WRITE-SUM-LINE-EXIT.	003028	
	003029	
WRITE CHECK ITEMS LINE	003030	05/25/91
MOVE SPACES	003031	05/25/91
MOVE 'CHECK'	003032	05/25/91
MOVE 'COLLECTIONS'	003033	05/25/91
MOVE 'FOR'	003034	05/25/91
MOVE TFR-COL-CHK-ITEMS	003035	05/25/91
MOVE TFR-COL-CHK-DOLLARS	003036	05/25/91
MOVE 'CHECK'	003037	05/25/91


```

MOVE 'RENTANCES' TO SUM-RMT-RMT-LIT.
MOVE 'FOR' TO SUM-RMT-FOR-LIT.
MOVE TFR-RMT-CHK-ITEMS TO SUM-RMT-ITEMS.
MOVE TFR-RMT-CHK-DOLLARS TO SUM-RMT-DOLLARS.
MOVE SUM-DETAIL TO SUMMARY-REPORT-LINE.
MOVE '0' TO CC-LINE.
MOVE 2 TO ADVANCE-AMOUNT.
PERFORM J900-WRITE-SUM-LINE
THRU J900-WRITE-SUM-LINE-EXIT.

```

```

* WRITE ACH ITEMS LINE
MOVE SPACES TO SUM-DETAIL.
MOVE 'ACH' TO SUM-COL-TYPE-LIT.
MOVE 'COLLECTIONS' TO SUM-COL-COL-LIT.
MOVE 'FOR' TO SUM-COL-FOR-LIT.
MOVE TFR-COL-ACH-ITEMS TO SUM-COL-ITEMS.
MOVE TFR-COL-ACH-DOLLARS TO SUM-COL-DOLLARS.
MOVE 'ACH' TO SUM-RMT-TYPE-LIT.
MOVE 'RENTANCES' TO SUM-RMT-RMT-LIT.
MOVE 'FOR' TO SUM-RMT-FOR-LIT.
MOVE TFR-RMT-ACH-ITEMS TO SUM-RMT-ITEMS.
MOVE TFR-RMT-ACH-DOLLARS TO SUM-RMT-DOLLARS.
MOVE SUM-DETAIL TO SUMMARY-REPORT-LINE.
MOVE '0' TO CC-LINE.
MOVE 2 TO ADVANCE-AMOUNT.
PERFORM J900-WRITE-SUM-LINE
THRU J900-WRITE-SUM-LINE-EXIT.

```

```

* START COLLECTIONS TOTAL LINE
MOVE SPACES TO SUM-DETAIL.
MOVE 'TOTAL' TO SUM-COL-TYPE-LIT.
MOVE 'COLLECTIONS' TO SUM-COL-COL-LIT.
MOVE 'FOR' TO SUM-COL-FOR-LIT.
MOVE TFR-COL-TOT-ITEMS TO SUM-COL-ITEMS.
MOVE TFR-COL-TOT-DOLLARS TO SUM-COL-DOLLARS.
SET TFR-IDX TO 1.
PERFORM J300-WRITE-STLCODE-SUM
THRU J300-WRITE-STLCODE-SUM-EXIT
UNTIL TFR-IDX GREATER THAN TRANSFER-TBL-ENTRIES.
VARYING TFR-IDX FROM 1 BY 1
MOVE 'TOTAL' TO SUM-RMT-TYPE-LIT.
MOVE 'RENTANCES' TO SUM-RMT-RMT-LIT.
MOVE 'FOR' TO SUM-RMT-FOR-LIT.
MOVE TFR-RMT-TOT-ITEMS TO SUM-RMT-ITEMS.
MOVE TFR-RMT-TOT-DOLLARS TO SUM-RMT-DOLLARS.
MOVE SUM-DETAIL TO SUMMARY-REPORT-LINE.
MOVE '0' TO CC-LINE.
MOVE 2 TO ADVANCE-AMOUNT.
PERFORM J900-WRITE-SUM-LINE
THRU J900-WRITE-SUM-LINE-EXIT.
J200-WRITE-GRAND-SUMMARY-EXIT.

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003038	05/25/91
003039	05/25/91
003040	05/25/91
003041	05/25/91
003042	05/25/91
003043	05/25/91
003044	05/25/91
003045	
003046	
003047	
003048	05/25/91
003049	05/25/91
003050	05/25/91
003051	05/25/91
003052	05/25/91
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003081	05/25/91
003082	05/25/91
003083	05/25/91
003084	05/25/91
003085	05/25/91
003086	
003087	
003088	

EXIT.

J300-WRITE-STLCODE-SUM.

* WRITE ACH ITEMS LINE

MOVE TFR-TBL-SC-CODE (TFR-IDX)

TO WS-SC-CODE.

MOVE WS-SC-LIT TO SUM-RMT-TYPE-LIT.

MOVE 'RENTANCES' TO SUM-RMT-RMT-LIT.

MOVE 'FOR' TO SUM-RMT-FOR-LIT.

MOVE TFR-TBL-SC-ITEMS (TFR-IDX)

TO SUM-RMT-ITEMS.

MOVE TFR-TBL-SC-DOLLARS (TFR-IDX)

TO SUM-RMT-DOLLARS.

MOVE SUM-DETAIL TO SUMMARY-REPORT-LINE.

MOVE '0' TO CC-LINE.

MOVE 2 TO ADVANCE-AMOUNT.

PERFORM J900-WRITE-SUM-LINE

THRU J900-WRITE-SUM-LINE-EXIT.

MOVE SPACES TO SUM-DETAIL.

J300-WRITE-STLCODE-SUM-EXIT.

EXIT.

J600-WRITE-SUM-PAGE:

MOVE '1' TO CC-LINE.

MOVE SUMMARY-REPORT-LINE TO JUNK-LINE.

MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.

WRITE SUMMARY-REPORT-LINE FROM WS-PRINT-LINE.

J600-WRITE-SUM-PAGE-EXIT.

EXIT.

J900-WRITE-SUM-LINE.

MOVE SUMMARY-REPORT-LINE TO JUNK-LINE.

MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.

WRITE SUMMARY-REPORT-LINE FROM WS-PRINT-LINE.

J900-WRITE-SUM-LINE-EXIT.

EXIT.

K100-DRAFTITEM-RECORD.

* CREATES THE DRAFTED ITEMS FILE FOR PAY-BY-PHONE CONSUMERS. *

MOVE '020' TO DRAFT-TRANS-TYPE.

MOVE '1' TO DRAFT-CHECK-DIGIT.

MOVE CP-SSN TO DRAFT-SSN.

MOVE CP-CHECK-CR-PHONE TO DRAFT-NRCH-NREF.

MOVE CP-CHECK-PHONE TO DRAFT-NRCH-PHONE.

MOVE CP-CAT-NBR TO DRAFT-NRCH-CAT.

MOVE CP-INMEMONIC TO DRAFT-NRCH-INMEMONIC.

MOVE CP-PAY-FREQ TO DRAFT-PAY-FREQ.

MOVE CP-STATUS TO DRAFT-PAY-STATUS.

003069	05/25/91
003090	05/25/91
003091	05/25/91
003092	05/25/91
003093	05/25/91
003094	05/25/91
003095	05/25/91
003096	05/25/91
003097	05/25/91
003098	05/25/91
003099	05/25/91
003100	05/25/91
003101	05/25/91
003102	05/25/91
003103	05/25/91
003104	05/25/91
003105	05/25/91
003106	05/25/91
003107	05/25/91
003108	05/25/91
003109	05/25/91
003110	
003111	05/13/91
003112	05/13/91
003113	05/13/91
003114	05/13/91
003115	05/13/91
003116	
003117	
003118	
003119	
003120	05/13/91
003121	05/13/91
003122	05/13/91
003123	
003124	
003125	
003126	
003127	
003128	
003129	
003130	
003131	
003132	
003133	
003134	
003135	
003136	
003137	
003138	
003139	

MOVE CP-LAST-TRANS-DATE TO DRAFT-LAST-TRANS-DATE.
 IF CP-NBR-REMAIN NEGATIVE
 MOVE 999 TO DRAFT-NO-PRINTS-REMAIN
 ELSE
 MOVE CP-NBR-REMAIN TO DRAFT-NO-PRINTS-REMAIN.
 MOVE CP-MRCH-NAME TO DRAFT-MRCH-NAME.

IF CP-PAY-TYPE = 'F'
 MOVE ZEROS TO DRAFT-PAY-AMT-LST-CHG
 MOVE ZEROS TO DRAFT-PAY-DATE-LST-CHG
 ELSE

IF (CP-PAY-TYPE = 'V' OR
 CP-PAY-TYPE NUMERIC)
 MOVE CP-CHG-DATE TO DRAFT-NEW-DATE
 MOVE CP-CHG-AMT TO DRAFT-NEW-AMT
 IF (CP-MRCH-AMT > 0 AND
 CP-MRCH-PAY-DATE > 0)
 MOVE CP-MRCH-AMT TO DRAFT-PAY-AMT-LST-CHG
 MOVE CP-MRCH-PAY-DATE TO DRAFT-PAY-DATE-LST-CHG
 ELSE
 MOVE ZEROS TO DRAFT-PAY-AMT-LST-CHG
 MOVE ZEROS TO DRAFT-PAY-DATE-LST-CHG.

IF CP-PAY-TYPE = 'F' OR 'V'
 MOVE CP-PAY-TYPE TO DRAFT-PAY-TYPE
 ELSE
 MOVE 'V' TO DRAFT-PAY-TYPE.

PERFORM K150-WRITE-DRAFTITEM
 THRU K150-WRITE-DRAFTITEM-EXIT.

THE FOLLOWING FIELDS ARE BEING INITIALIZED FOR NOW AND WILL
 BE USED LATER IN PHASE 2.

MOVE ZEROS TO DRAFT-RECORD.
 MOVE SPACES TO DRAFT-MRCH-DELETE,
 DRAFT-MRCH-REMEMONIC,
 DRAFT-PAY-TYPE,
 DRAFT-PAY-STATUS,
 DRAFT-MRCH-NAME,
 DRAFT-CHECK-DIGIT.
 003140 11/14/90
 003141 11/14/90
 003142 11/14/90
 003143 11/14/90
 003144 11/14/90
 003145 11/14/90
 003146 11/14/90
 003147 11/14/90
 003148 11/14/90
 003149 11/14/90
 003150 11/14/90
 003151 11/14/90
 003152 11/14/90
 003153 11/14/90
 003154 11/14/90
 003155 11/14/90
 003156 11/14/90
 003157 11/14/90
 003158 11/14/90
 003159 11/14/90
 003160 11/14/90
 003161 11/14/90
 003162 11/14/90
 003163 11/14/90
 003164 11/14/90
 003165 11/14/90
 003166 11/14/90
 003167 11/14/90
 003168 11/14/90
 003169 11/14/90
 003170 11/14/90
 003171 11/14/90
 003172 11/14/90
 003173 11/14/90
 003174 11/14/90
 003175 11/14/90
 003176 11/14/90
 003177 11/14/90
 003178 11/14/90
 003179 11/14/90
 003180 11/14/90
 003181 11/14/90
 003182 11/14/90
 003183 11/14/90
 003184 11/14/90
 003185 11/14/90
 003186 11/14/90
 003187 11/14/90
 003188 11/14/90
 003189 11/14/90
 003190 11/14/90

K100-DRAFTITEM-RECORD-EXIT.
 EXIT.

K150-WRITE-DRAFTITEM.

MOVE WS-LAST-COMMIT-COUNT TO DRAFTITEM-COMMIT-KEY
 WRITE DRAFTITEM-RECORD FROM DRAFT-RECORD.

K150-WRITE-DRAFTITEM-EXIT.

EXIT.

9000-COMMIT-WORK.

DISPLAY '#####' WS-TOTALS
PERFORM 9200-WRITE-PAY-TBL THRU 9200-EXIT
THRU TRACKING-NBR-SAVE-EXIT.

MOVE 'UPDATING 1900-PROG-CONTROL' TO STEP-DENOTER.

EXEC SQL
UPDATE 1900-PROG-CONTROL
SET PC_LAST_COMMIT_KEY = :PC-LAST-COMMIT-KEY,
PC_RESTART_MODE = :PC-RESTART-MODE
WHERE PC_PROGRAM_NAME = :WS-PROGRAM-NAME
END-EXEC.

EVALUATE TRUE

WHEN SQLCODE = 0

EXEC SQL
COMMIT
END-EXEC

MOVE WS-PREVIOUS-SSN TO SQL-PREV-SSN

EXEC SQL
OPEN T002
END-EXEC

WHEN SQLCODE = 100

GO TO ERCHCK

WHEN SQLCODE IS NEGATIVE

GO TO ERCHCK

END-EVALUATE.

9000-EXIT. EXIT.

9100-LOAD-PAY-TBL.

* LOAD RESTART ENTRIES FROM THE PAY TABLE FILE. EACH RECORD *
* CONTAINS THE INDEX POINTER, SO THAT THE RECORDS CAN BE *
* STORED DIRECTLY WHERE THEY WERE WRITTEN FROM. THIS ALSO *
* PROVIDES US WITH THE MOST RECENT OCCURRENCE OF AN ENTRY. *

OPEN INPUT PAY-TABLE-INPUT

MOVE ZERO TO TRANSFER-TBL-ENTRIES.

SET NOT-END-OF-TBLIN TO TRUE.

READ PAY-TABLE-INPUT INTO TRANSFER-PAY-TABLE-REC

AT END

SET END-OF-TBLIN TO TRUE.

003191	05/13/91
003192	05/13/91
003193	05/13/91
003194	05/13/91
003195	05/13/91
003196	05/13/91
003197	05/13/91
003198	05/25/91
003199	05/25/91
003200	05/13/91
003201	05/13/91
003202	05/13/91
003203	05/13/91
003204	05/13/91
003205	05/13/91
003206	05/13/91
003207	05/13/91
003208	05/13/91
003209	05/13/91
003210	05/13/91
003211	05/13/91
003212	05/13/91
003213	05/13/91
003214	05/13/91
003215	05/13/91
003216	05/13/91
003217	05/13/91
003218	05/13/91
003219	05/13/91
003220	05/13/91
003221	05/13/91
003222	05/13/91
003223	05/13/91
003224	05/13/91
003225	05/13/91
003226	05/13/91
003227	05/13/91
003228	05/13/91
003229	05/13/91
003230	05/25/91
003231	05/25/91
003232	05/25/91
003233	05/25/91
003234	05/25/91
003235	05/25/91
003236	05/13/91
003237	05/25/91
003238	05/25/91
003239	05/25/91
003240	05/25/91
003241	05/25/91

```

PERFORM UNTIL END-OF-TBLIN
  MOVE TFR-PAY-TBL-NBR TO TRANFREE-CURR-ENTRY
  MOVE TFR-PAY-TBL-ENTRY
    TO TRANFREE-SC-ENTRY (TRANFREE-CURR-ENTRY)
  IF TRANFREE-CURR-ENTRY GREATER THAN TRANFREE-TBL-ENTRIES
    MOVE TRANFREE-CURR-ENTRY TO TRANFREE-TBL-ENTRIES
  END-IF
  READ PAY-TABLE-INPUT INTO TRANFREE-PAY-TABLE-REC
  AT END
    SET END-OF-TBLIN TO TRUE
  END-READ
END-PERFORM.

```

CLOSE PAY-TABLE-INPUT.
9100-EXIT. EXIT.

```

9200-WRITE-PAY-TBL.
  MOVE 1 TO TRANFREE-CURR-ENTRY.
  PERFORM VARYING TRANFREE-CURR-ENTRY FROM 1 BY 1
    UNTIL TRANFREE-CURR-ENTRY > TRANFREE-TBL-ENTRIES
  MOVE WS-LAST-COMMIT-COUNT TO TFR-PAY-TBL-COMMIT
  MOVE TRANFREE-SC-ENTRY (TRANFREE-CURR-ENTRY)
    TO TFR-PAY-TBL-ENTRY
  MOVE TRANFREE-CURR-ENTRY
    TO TFR-PAY-TBL-NBR
  WRITE PAY-TBL-OUTPUT-REC FROM TRANFREE-PAY-TABLE-REC
  END-PERFORM.

```

9200-EXIT. EXIT.

```

CHECK-EFT-CODE.
  IF NO-METHOD = 'P'
    MOVE CF-PAPR-RT-TRANS TO PDR-ROUTE-TRANS
    MOVE CF-PAPR-ACCT-NBR TO PDR-ACCT-NBR
  ELSE
    MOVE CF-ROUTE-TRANS TO PDR-ROUTE-TRANS
    MOVE CF-ACCT-NBR TO PDR-ACCT-NBR.
CHECK-EXIT. EXIT.

```

TRXRTMS
-INC FDATAIRMS
ERRCHK.
-INC SQAEROR

003242	03/13/91
003243	05/25/91
003244	05/25/91
003245	05/25/91
003246	05/25/91
003247	05/25/91
003248	05/25/91
003249	05/25/91
003250	05/25/91
003251	05/25/91
003252	05/25/91
003253	05/25/91
003254	03/13/91
003255	05/25/91
003256	03/13/91
003257	03/13/91
003258	03/13/91
003259	05/25/91
003260	05/25/91
003261	05/25/91
003262	05/25/91
003263	05/25/91
003264	05/25/91
003265	05/25/91
003266	05/25/91
003267	05/25/91
003268	03/13/91
003269	03/13/91
003270	03/13/91
003271	
003272	04/20/91
003273	04/20/91
003274	04/20/91
003275	04/20/91
003276	04/20/91
003277	04/20/91
003278	04/20/91
003279	04/20/91
003280	05/25/91
003281	05/25/91
003282	05/25/91
003283	11/14/90
003284	
003285	
003286	11/14/90

